

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078489.D
 Acq On : 20 Feb 2024 17:54
 Operator : RP/MD
 Sample : P1523-10MSD
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

Quant Time: Feb 21 05:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	103744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	183046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	169265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65529	58.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.840%
35) Dibromofluoromethane	7.804	113	3141	2.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	5.400%#
50) Toluene-d8	10.269	98	254014	54.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.575	95	69359	51.243	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	58096	56.835	ug/l	97
3) Chloromethane	2.152	50	114352	60.874	ug/l	97
4) Vinyl Chloride	2.281	62	168078	58.636	ug/l	97
5) Bromomethane	2.687	94	107544	54.353	ug/l	100
6) Chloroethane	2.834	64	122666	58.685	ug/l	95
7) Trichlorofluoromethane	3.169	101	104105	53.838	ug/l	95
8) Diethyl Ether	3.593	74	34966	62.780	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	61256	50.216	ug/l	99
10) Methyl Iodide	4.164	142	56619	51.822	ug/l #	90
11) Tert butyl alcohol	5.063	59	19334	319.585	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	68632	60.686	ug/l	88
13) Acrolein	3.799	56	1183	11.416	ug/l #	58
14) Allyl chloride	4.558	41	69344	49.633	ug/l	92
15) Acrylonitrile	5.263	53	75405	316.264	ug/l	99
16) Acetone	4.028	43	77763	379.477	ug/l	88
17) Carbon Disulfide	4.269	76	256808	67.483	ug/l	98
18) Methyl Acetate	4.569	43	338	4.332	ug/l #	47
19) Methyl tert-butyl Ether	5.328	73	161434	67.185	ug/l	96
20) Methylene Chloride	4.799	84	86016	68.857	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	75474	56.728	ug/l	96
22) Diisopropyl ether	6.222	45	177408	57.611	ug/l	99
23) Vinyl Acetate	6.216	43	96764	66.374	ug/l #	66
24) 1,1-Dichloroethane	6.110	63	127086	58.258	ug/l	96
25) 2-Butanone	7.087	43	95420	341.491	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	103322	56.500	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	88493	60.624	ug/l	97
28) Bromochloromethane	7.422	49	43086	49.867	ug/l	89
29) Tetrahydrofuran	7.446	42	57431	344.272	ug/l	90
30) Chloroform	7.599	83	141843	61.455	ug/l	96
31) Cyclohexane	7.875	56	84809	44.695	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	112099	56.965	ug/l	98
36) 1,1-Dichloropropene	8.010	75	95818	53.047	ug/l	98
37) Ethyl Acetate	7.087	43	95420	150.697	ug/l #	1
38) Carbon Tetrachloride	7.993	117	92929	51.950	ug/l	98
39) Methylcyclohexane	9.275	83	98553	45.959	ug/l	98
40) Benzene	8.252	78	307091	58.819	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	20197	61.290	ug/l	97
42) 1,2-Dichloroethane	8.328	62	80556	59.630	ug/l	96
43) Isopropyl Acetate	8.363	43	22499	19.189	ug/l #	55
44) Trichloroethene	9.028	130	145843	109.495	ug/l	86
45) 1,2-Dichloropropane	9.304	63	76663	59.847	ug/l	96
46) Dibromomethane	9.393	93	44114	61.225	ug/l	94
47) Bromodichloromethane	9.587	83	103177	57.815	ug/l	100
48) Methyl methacrylate	9.387	41	3052	4.906	ug/l #	63
49) 1,4-Dioxane	9.387	88	10772	1380.505	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	202963	326.146	ug/l	93
52) Toluene	10.334	92	192601	58.335	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	90969	55.864	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	104106	52.723	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	55611	57.312	ug/l	97
56) Ethyl methacrylate	10.593	69	12381	13.796	ug/l #	77
57) 1,3-Dichloropropane	10.881	76	101663	61.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	194185	367.351	ug/l	96
59) 2-Hexanone	10.922	43	150079	320.907	ug/l	91
60) Dibromochloromethane	11.075	129	72175	61.822	ug/l	99
61) 1,2-Dibromoethane	11.181	107	58204	63.894	ug/l	99
64) Tetrachloroethene	10.810	164	108183	101.188	ug/l	97
65) Chlorobenzene	11.604	112	202658	59.555	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	76819	61.428	ug/l	96
67) Ethyl Benzene	11.681	91	341981	56.089	ug/l	100
68) m/p-Xylenes	11.793	106	271314	114.080	ug/l	93
69) o-Xylene	12.116	106	126740	58.396	ug/l	95
70) Styrene	12.134	104	194217	54.831	ug/l	96
71) Bromoform	12.298	173	41561	63.142	ug/l #	99
73) Isopropylbenzene	12.422	105	305177	58.548	ug/l	97
74) N-amyl acetate	12.234	43	2231	2.262	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.710	83	1468	1.420	ug/l #	54
76) 1,2,3-Trichloropropane	12.722	75	78329	118.860	ug/l #	100
77) Bromobenzene	12.698	156	78536	64.112	ug/l	92
78) n-propylbenzene	12.763	91	365779	56.312	ug/l	96
79) 2-Chlorotoluene	12.845	91	204582	58.804	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	250775	57.941	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	15336	48.312	ug/l	97
82) 4-Chlorotoluene	12.945	91	218088	58.366	ug/l	95
83) tert-Butylbenzene	13.163	119	200406	54.903	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	257846	58.700	ug/l	96
85) sec-Butylbenzene	13.339	105	288406	50.947	ug/l	94
86) p-Isopropyltoluene	13.457	119	253031	52.478	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	148856	56.935	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	150994	58.777	ug/l	100
89) n-Butylbenzene	13.787	91	216512	46.588	ug/l	98
90) Hexachloroethane	14.051	117	48587	49.028	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	129957	59.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8333	61.550	ug/l	98
93) 1,2,4-Trichlorobenzene	15.092	180	59871	46.401	ug/l	97
94) Hexachlorobutadiene	15.198	225	20906	31.042	ug/l	100
95) Naphthalene	15.328	128	146898	61.382	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	52107	47.651	ug/l	99

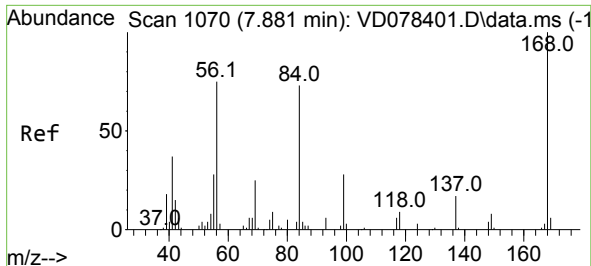
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QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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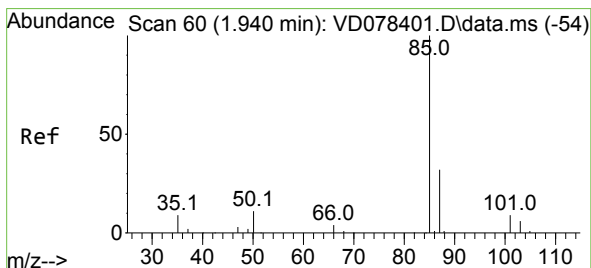
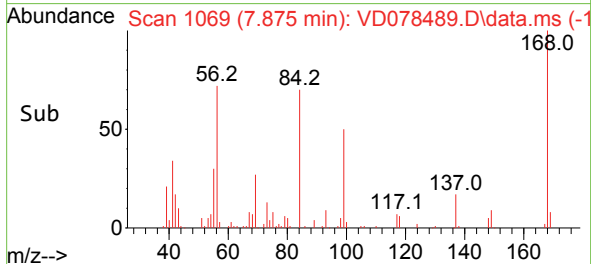
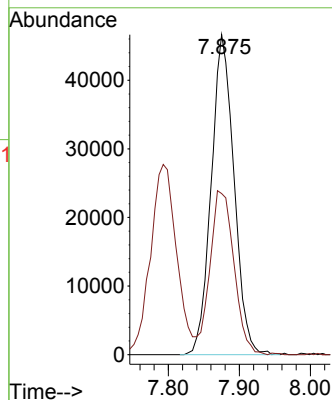
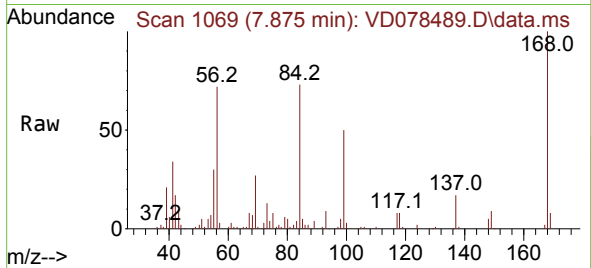
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078489.D
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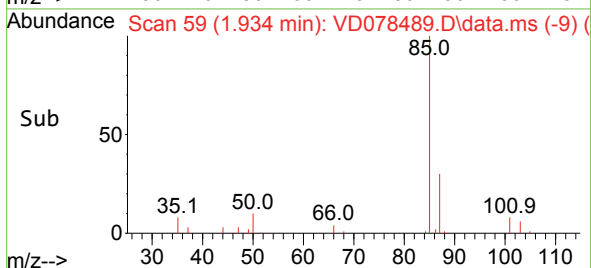
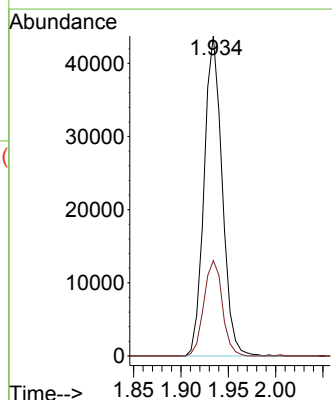
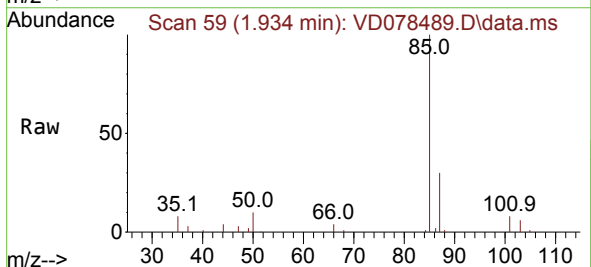
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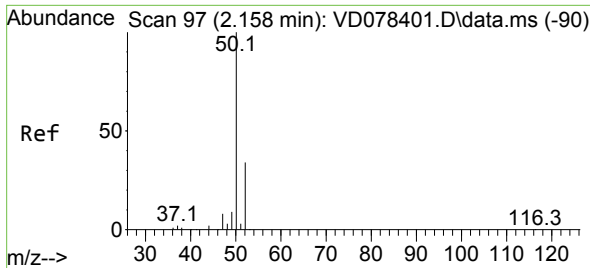
Tgt Ion:168 Resp: 103744
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 56.835 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 85 Resp: 58096
Ion Ratio Lower Upper
85 100
87 29.8 15.7 47.0

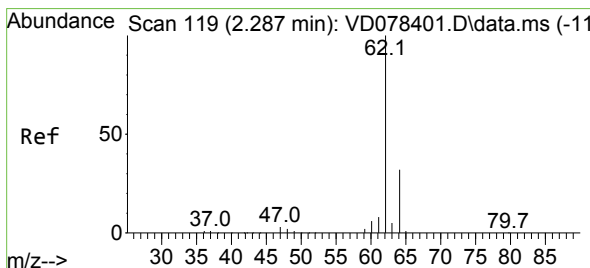
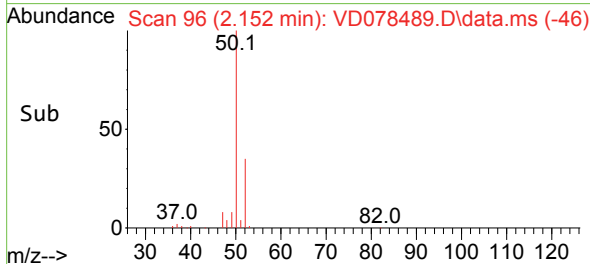
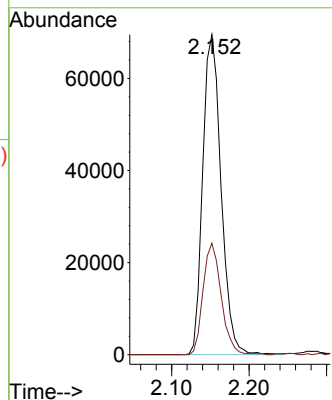
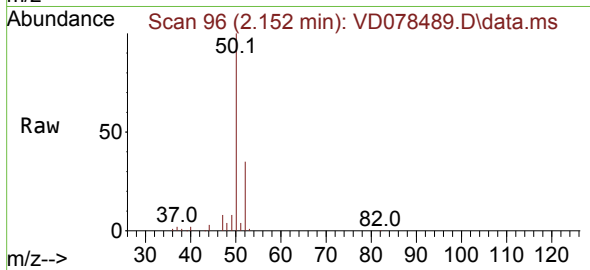




#3
Chloromethane
Concen: 60.874 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078489.D
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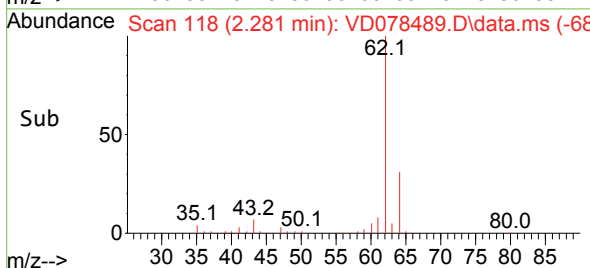
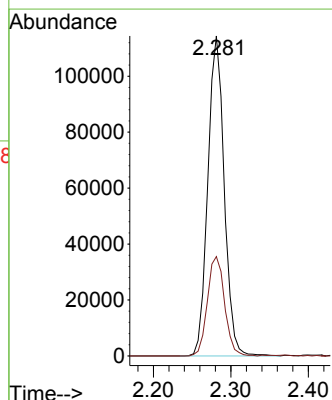
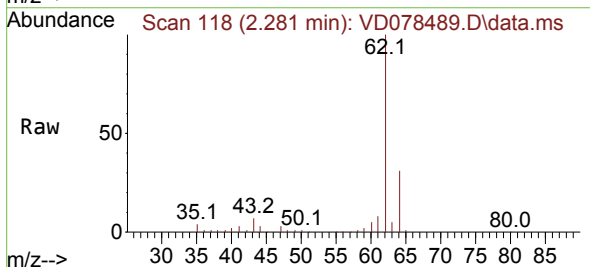
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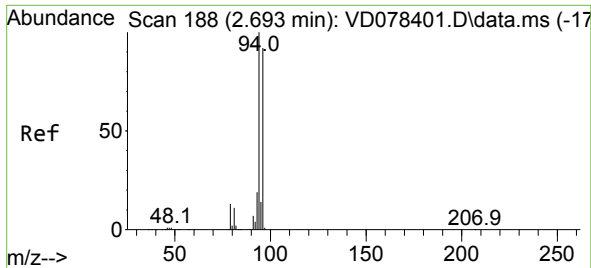
Tgt Ion: 50 Resp: 114352
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0



#4
Vinyl Chloride
Concen: 58.636 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 62 Resp: 168078
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

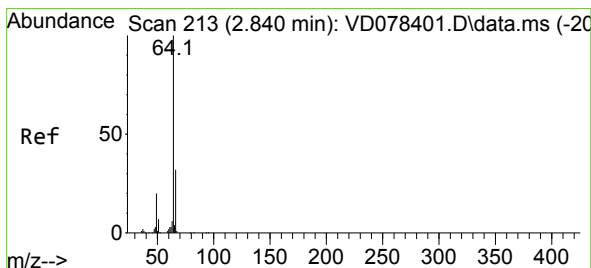
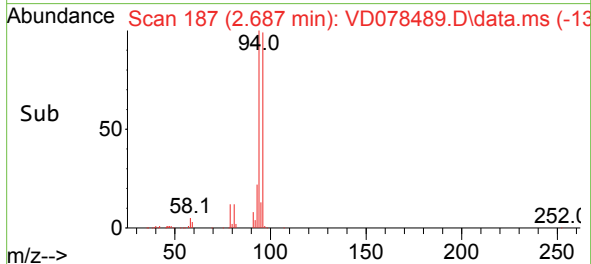
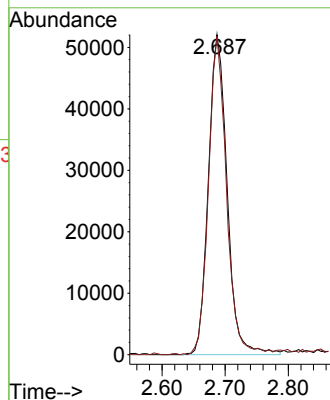
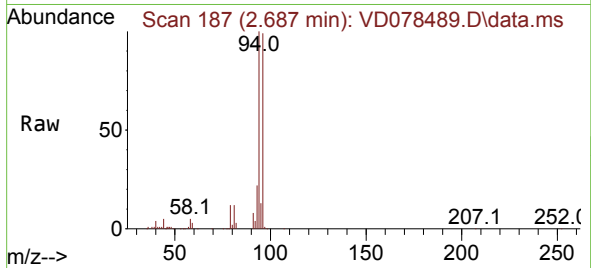




#5
Bromomethane
Concen: 54.353 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

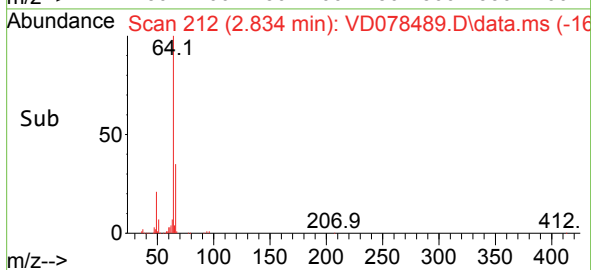
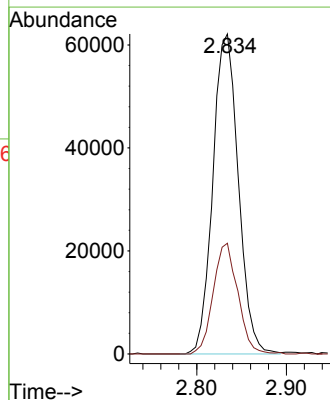
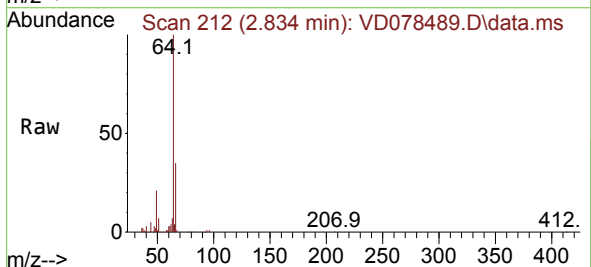
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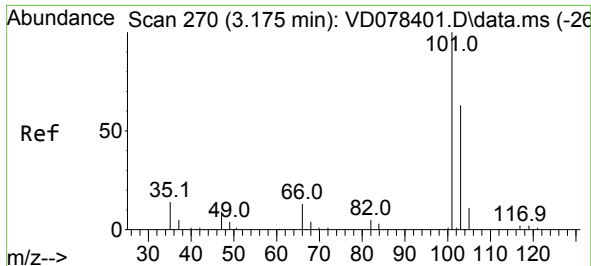
Tgt Ion: 94 Resp: 107544
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.8



#6
Chloroethane
Concen: 58.685 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 64 Resp: 122666
Ion Ratio Lower Upper
64 100
66 34.6 25.5 38.3

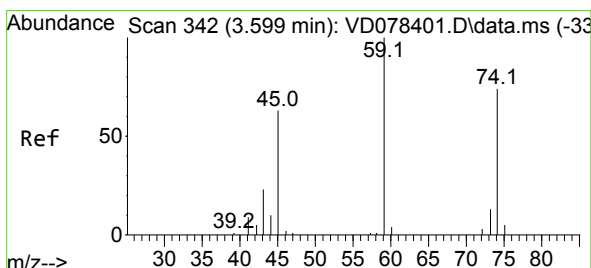
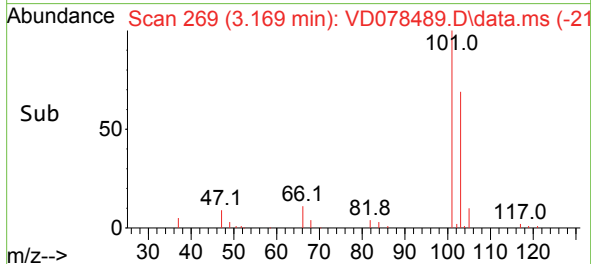
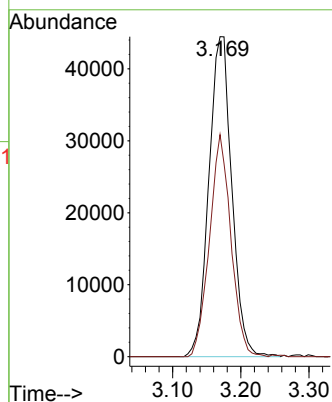
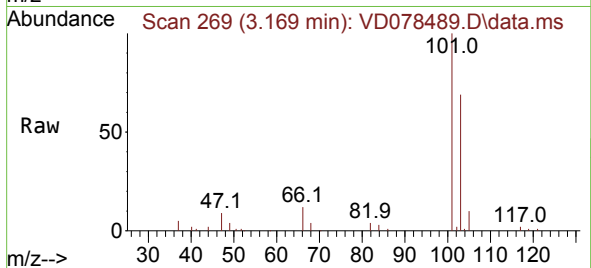




#7
Trichlorofluoromethane
Concen: 53.838 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

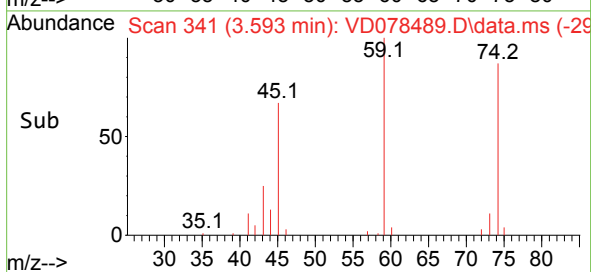
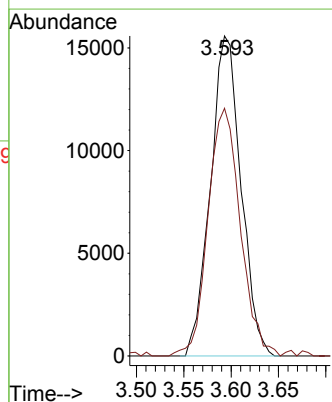
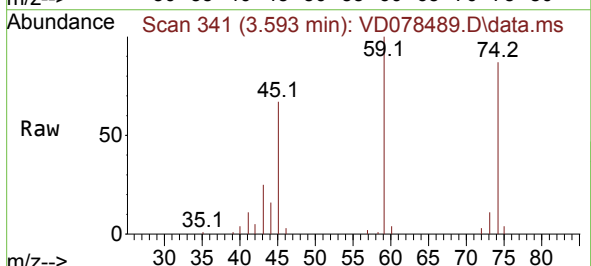
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Tgt Ion:101 Resp: 104105
Ion Ratio Lower Upper
101 100
103 69.4 52.3 78.5



#8
Diethyl Ether
Concen: 62.780 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 74 Resp: 34966
Ion Ratio Lower Upper
74 100
45 81.6 37.5 112.7



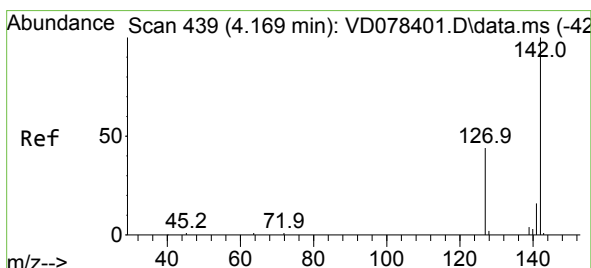
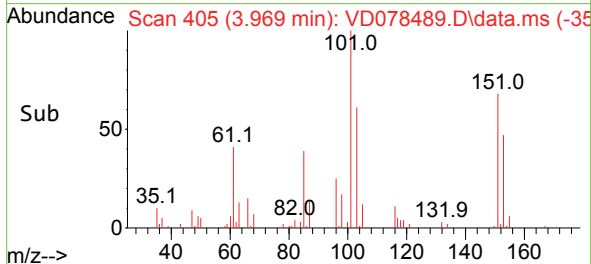
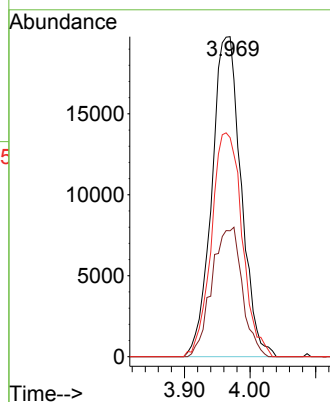
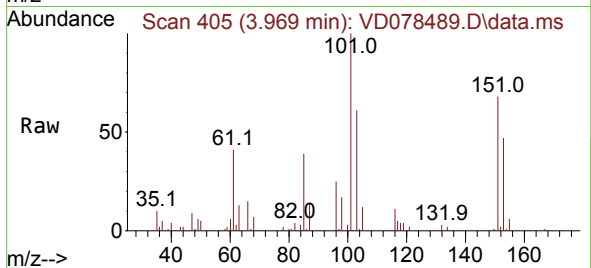


#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.216 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078489.D
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Tgt Ion:101 Resp: 61256

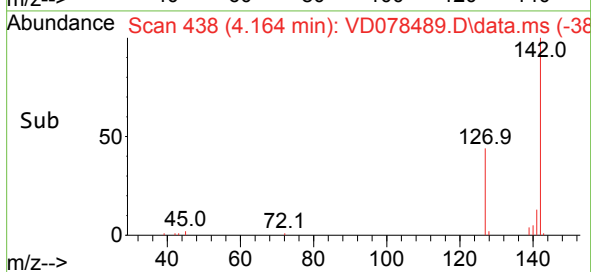
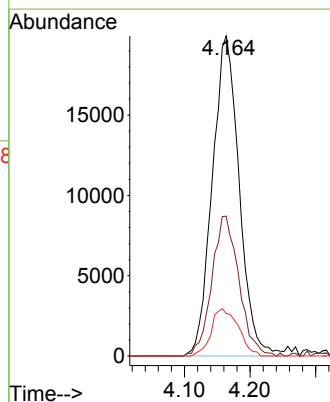
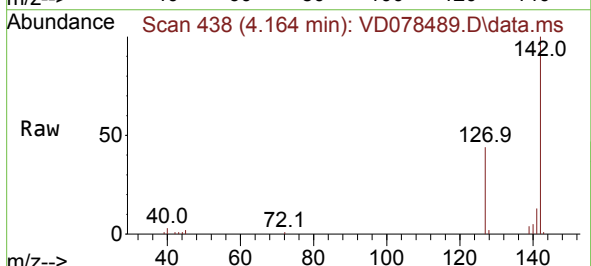
Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.8	50.6
151	73.3	59.8	89.6

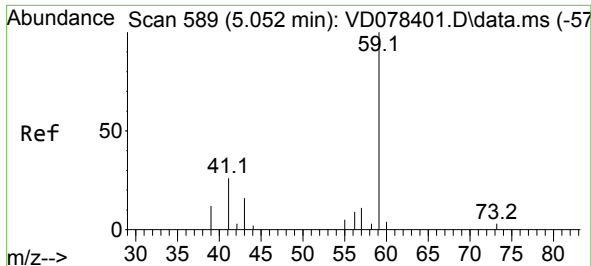


#10
Methyl Iodide
Concen: 51.822 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:142 Resp: 56619

Ion	Ratio	Lower	Upper
142	100		
127	44.1	29.4	44.0#
141	15.0	11.1	16.7

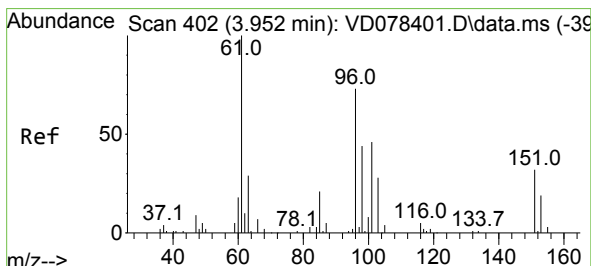
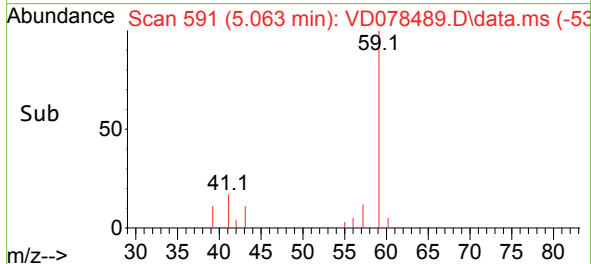
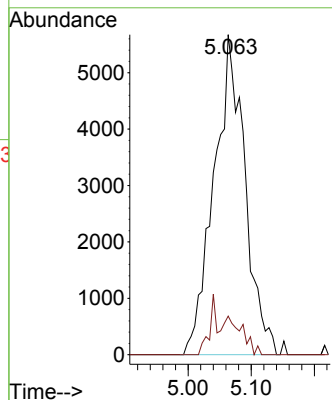
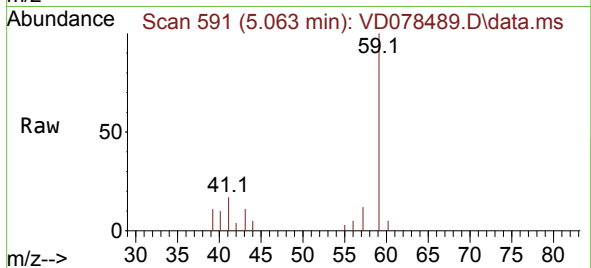




#11
Tert butyl alcohol
Concen: 319.585 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

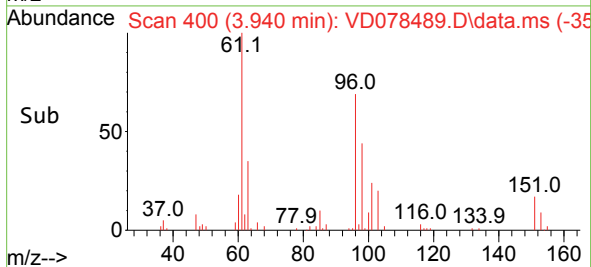
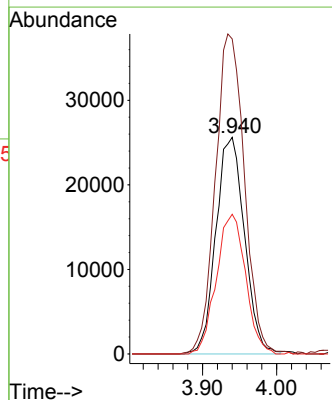
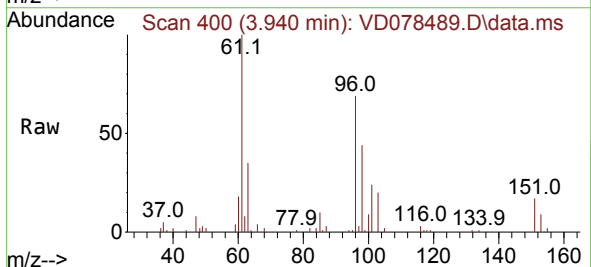
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

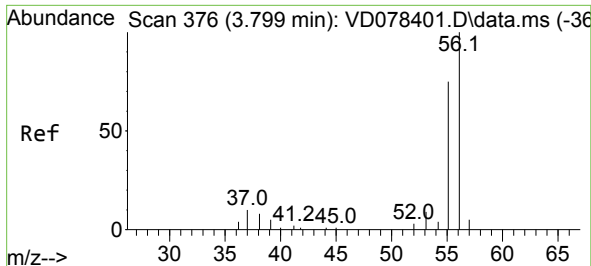
Tgt Ion: 59 Resp: 19334
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 60.686 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 96 Resp: 68632
Ion Ratio Lower Upper
96 100
61 145.4 100.6 150.8
98 64.5 50.2 75.2

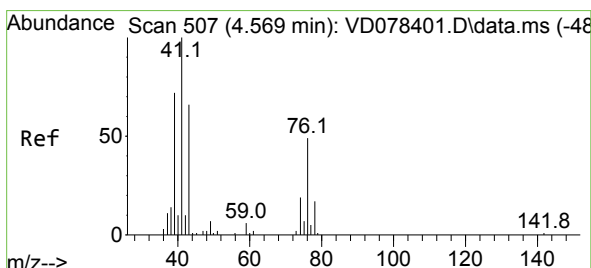
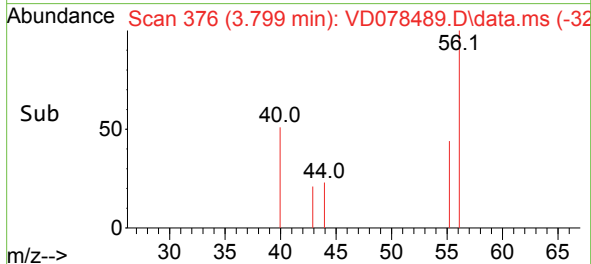
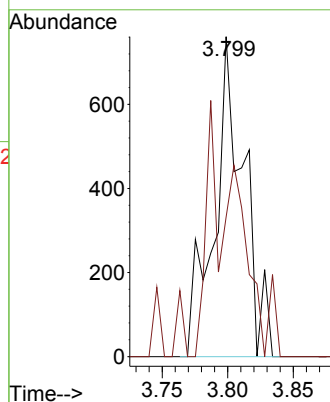
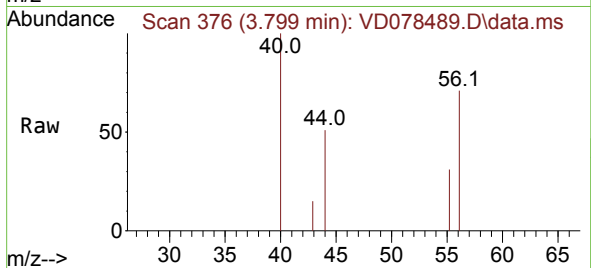




#13
Acrolein
Concen: 11.416 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

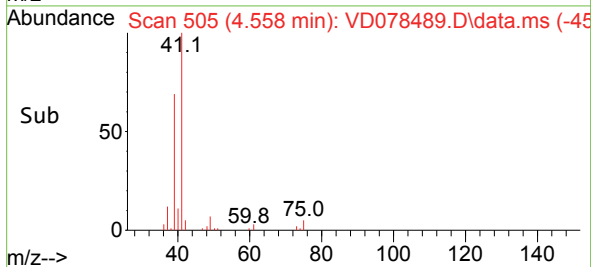
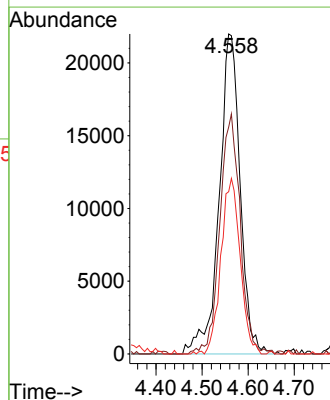
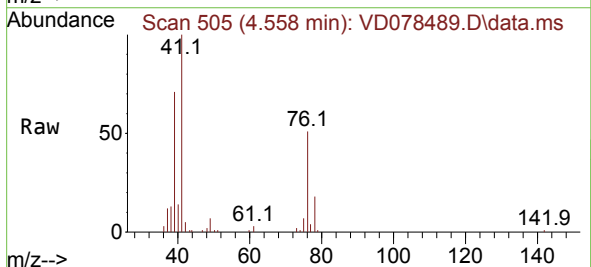
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

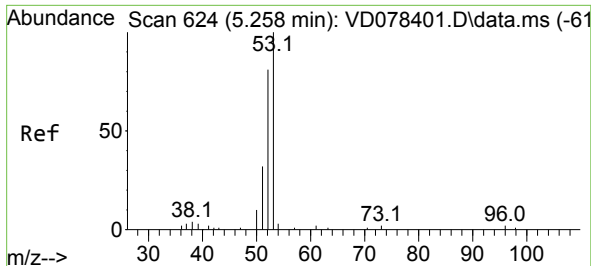
Tgt Ion: 56 Resp: 1183
Ion Ratio Lower Upper
56 100
55 35.1 55.1 82.7#



#14
Allyl chloride
Concen: 49.633 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 41 Resp: 69344
Ion Ratio Lower Upper
41 100
39 72.2 53.8 80.6
76 50.3 45.8 68.8

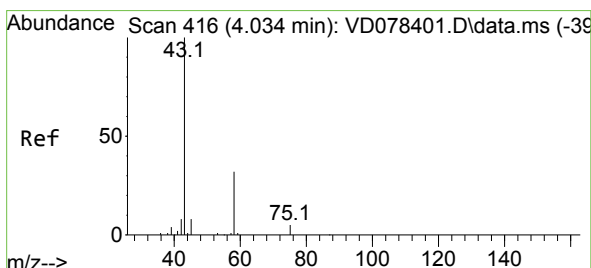
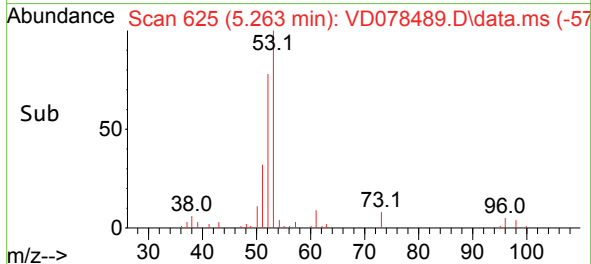
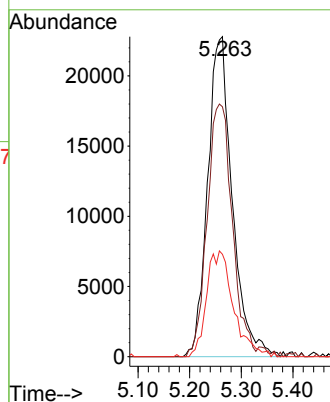
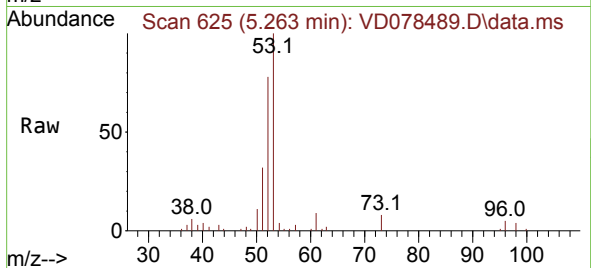




#15
Acrylonitrile
Concen: 316.264 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

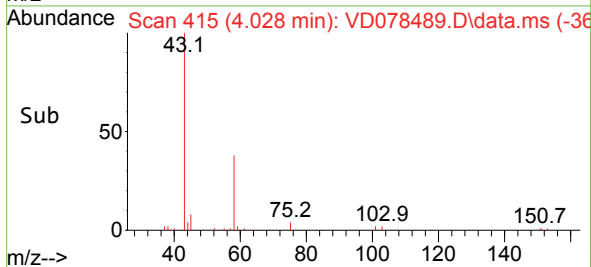
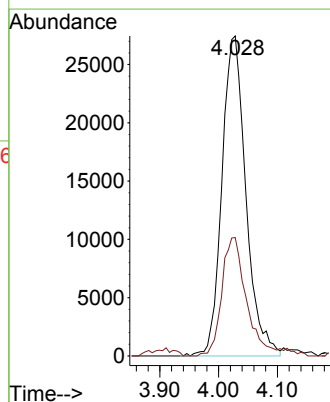
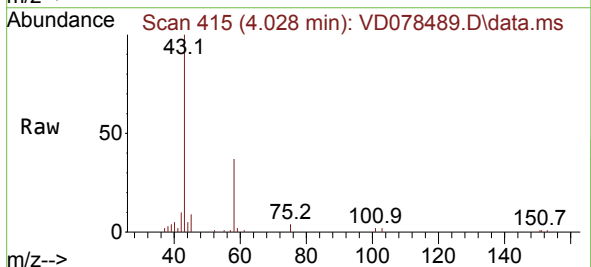
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

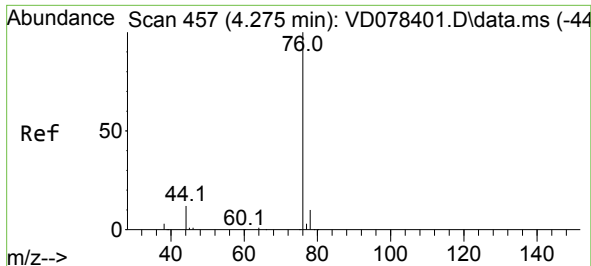
Tgt Ion:	53	Resp:	75405
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.0	97.4
51	36.1	28.3	42.5



#16
Acetone
Concen: 379.477 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:	43	Resp:	77763
Ion	Ratio	Lower	Upper
43	100		
58	35.9	34.7	52.1

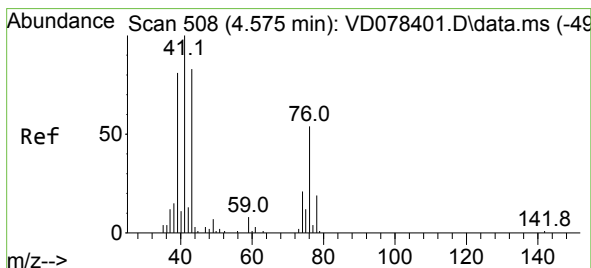
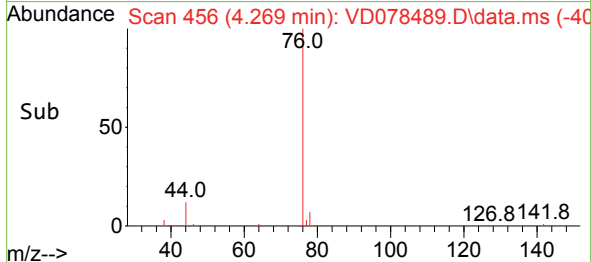
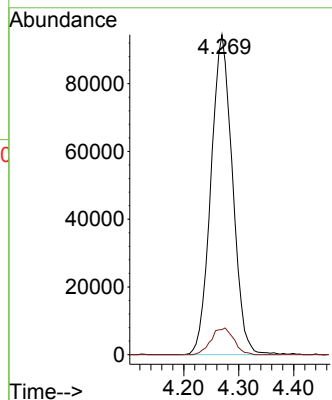
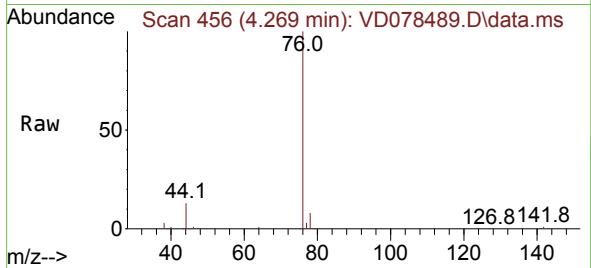




#17
Carbon Disulfide
Concen: 67.483 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

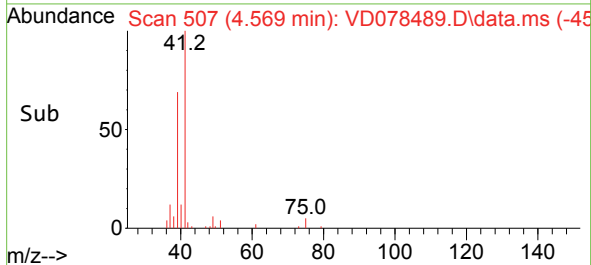
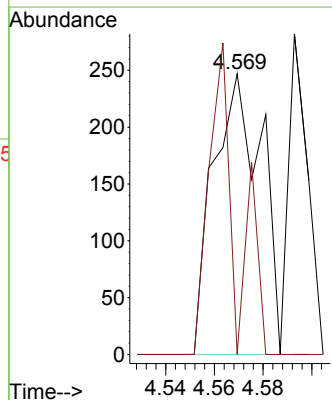
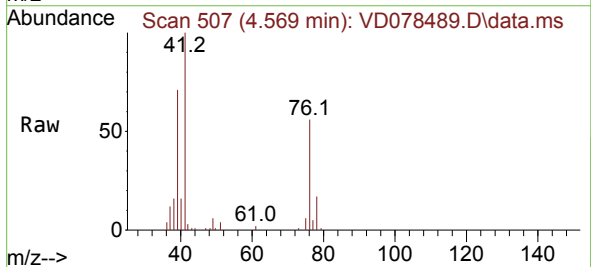
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

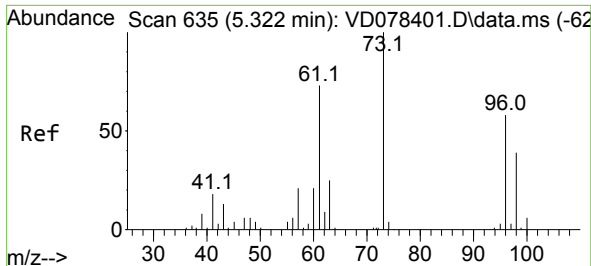
Tgt Ion: 76 Resp: 256808
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 4.332 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
74 63.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 67.185 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078489.D

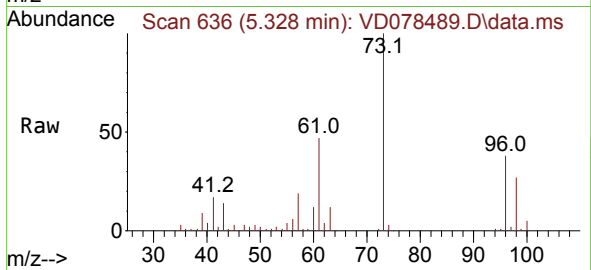
Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

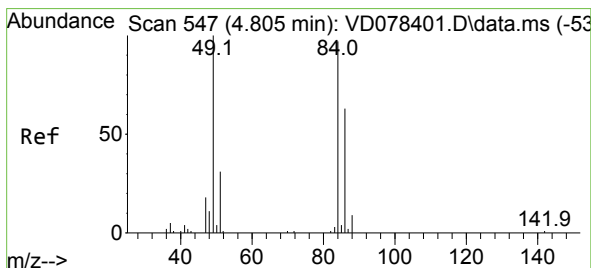
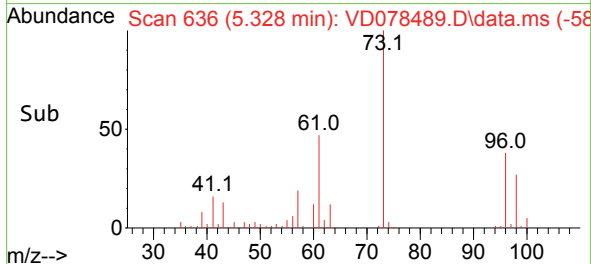
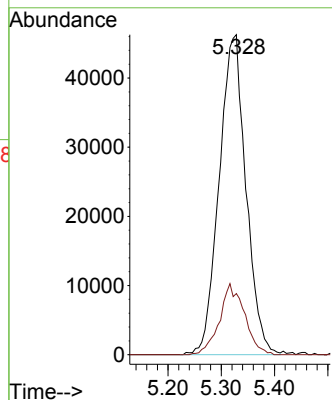


Tgt Ion: 73 Resp: 161434

Ion Ratio Lower Upper

73 100

57 19.1 16.6 25.0



#20

Methylene Chloride

Concen: 68.857 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Tgt Ion: 84 Resp: 86016

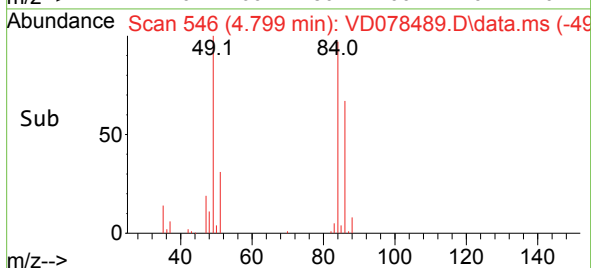
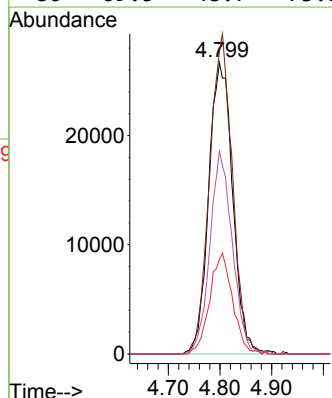
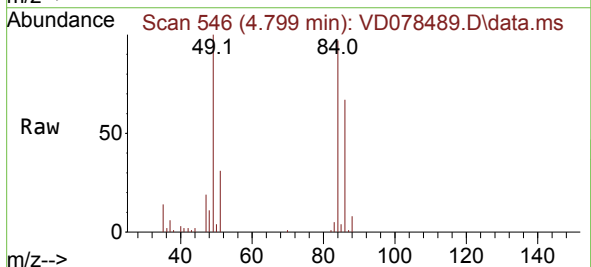
Ion Ratio Lower Upper

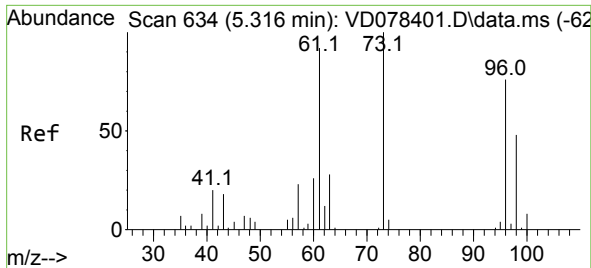
84 100

49 103.6 71.4 107.2

51 32.4 24.5 36.7

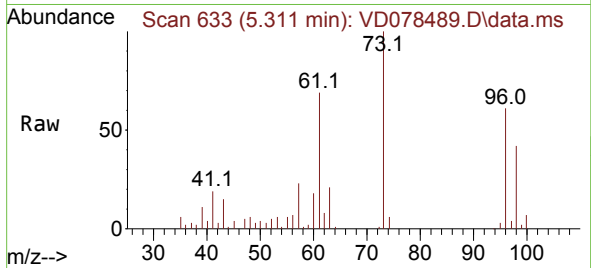
86 69.5 48.7 73.1



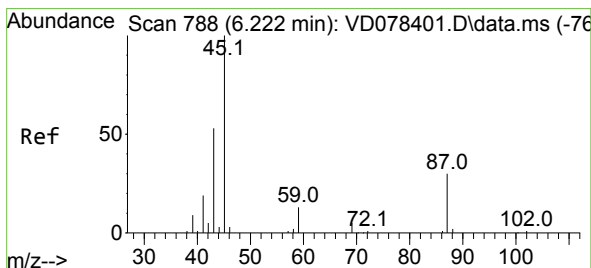
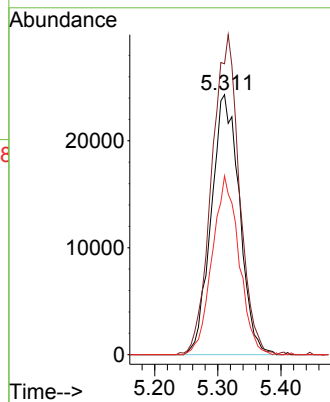
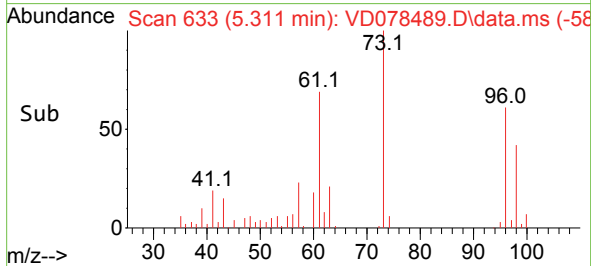


#21
trans-1,2-Dichloroethene
Concen: 56.728 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

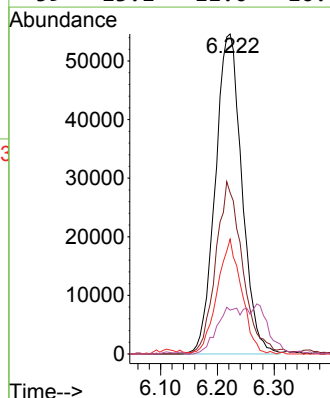
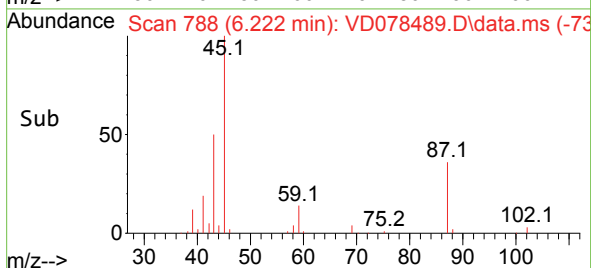
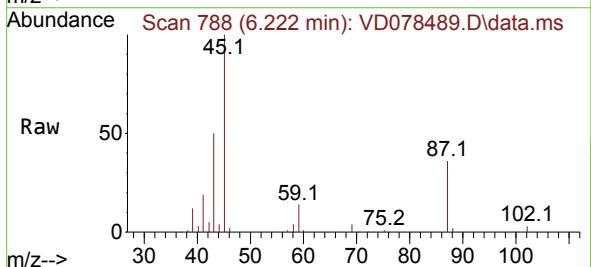


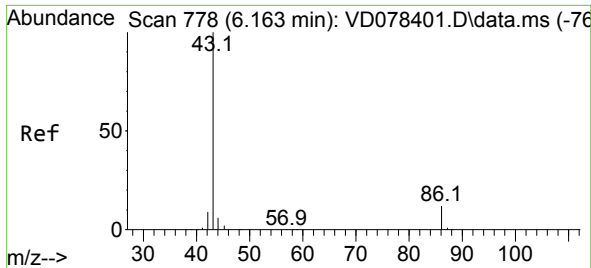
Tgt Ion: 96 Resp: 75474
Ion Ratio Lower Upper
96 100
61 111.2 89.3 133.9
98 68.7 48.6 73.0



#22
Diisopropyl ether
Concen: 57.611 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 45 Resp: 177408
Ion Ratio Lower Upper
45 100
43 50.4 40.0 60.0
87 35.4 28.2 42.4
59 13.1 11.0 16.4

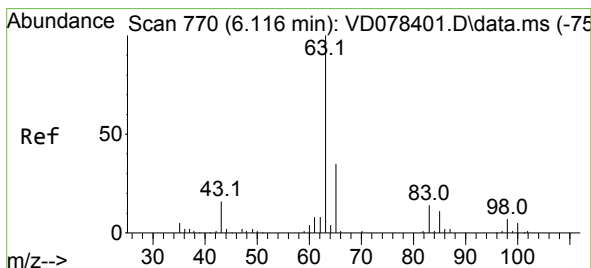
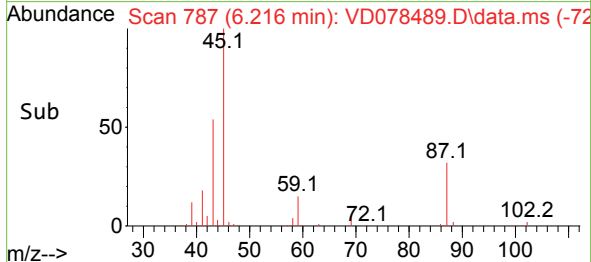
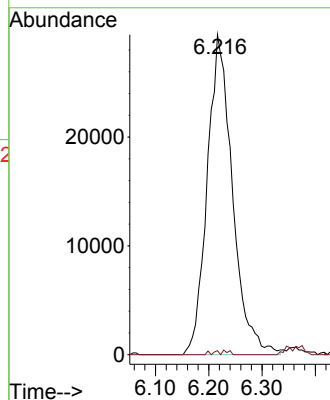
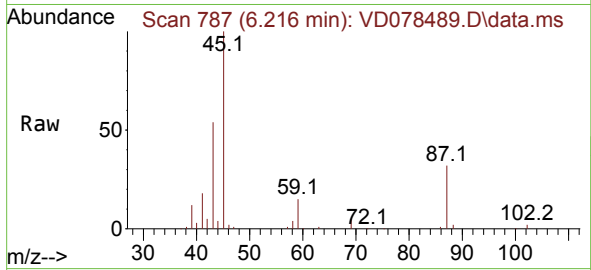




#23
 Vinyl Acetate
 Concen: 66.374 ug/l
 RT: 6.216 min Scan# 710
 Delta R.T. 0.053 min
 Lab File: VD078489.D
 Acq: 20 Feb 2024 17:54

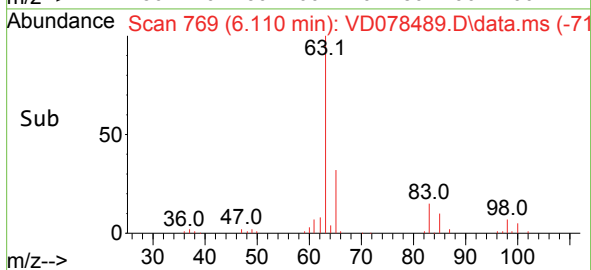
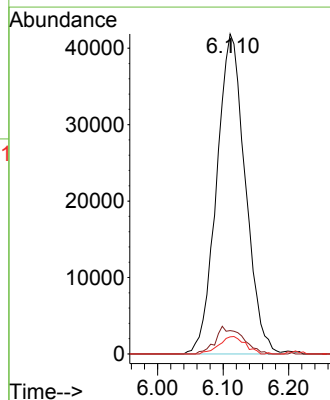
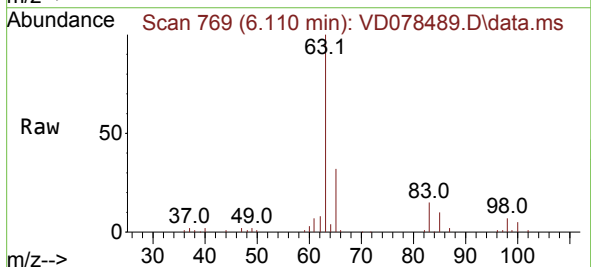
Instrument :
 MSVOA_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-

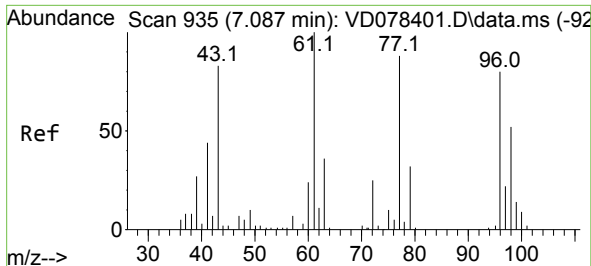
Tgt Ion: 43 Resp: 96764
 Ion Ratio Lower Upper
 43 100
 86 1.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 58.258 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078489.D
 Acq: 20 Feb 2024 17:54

Tgt Ion: 63 Resp: 127086
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 341.491 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

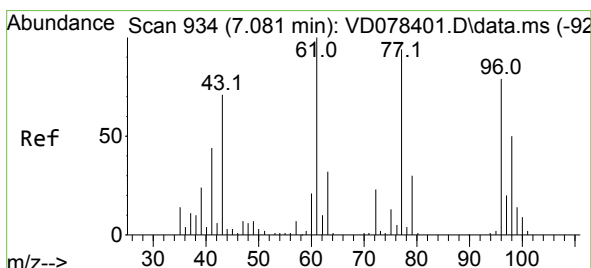
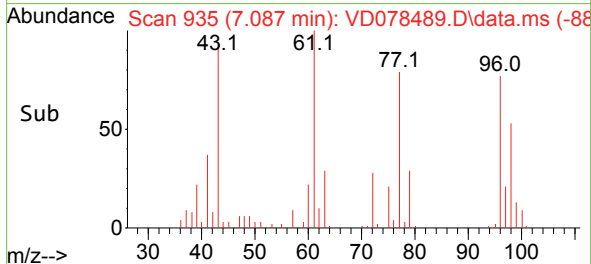
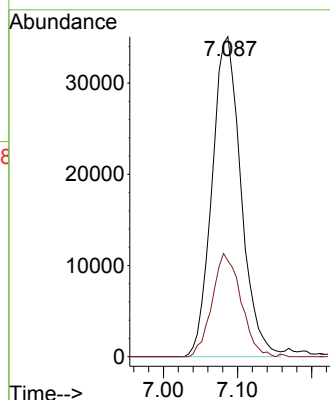
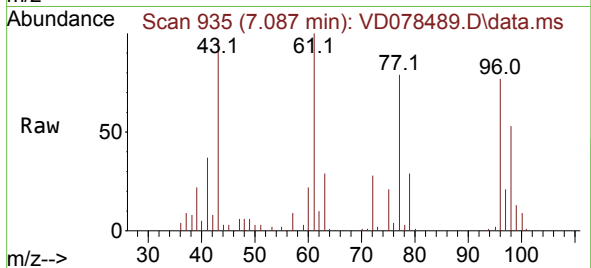
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 43 Resp: 95420

Ion Ratio Lower Upper

43 100

72 30.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 56.500 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078489.D

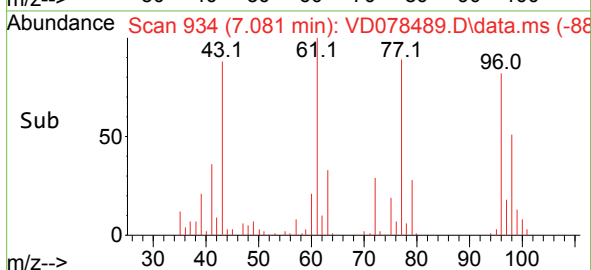
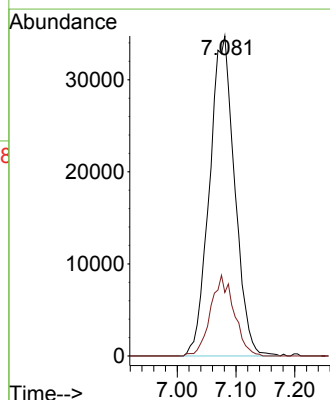
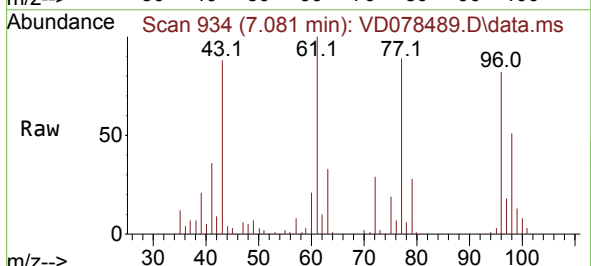
Acq: 20 Feb 2024 17:54

Tgt Ion: 77 Resp: 103322

Ion Ratio Lower Upper

77 100

97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 60.624 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

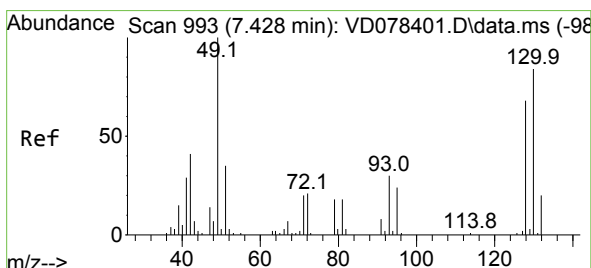
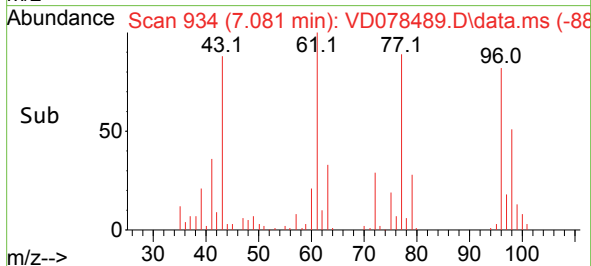
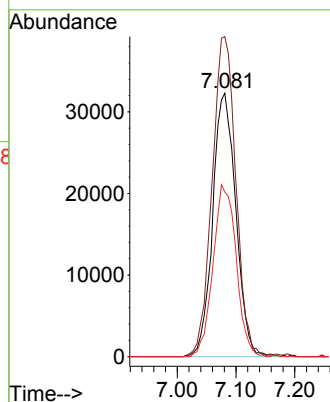
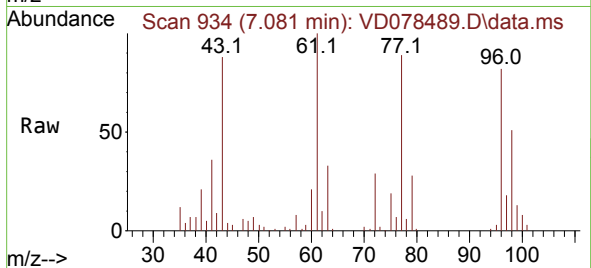
Tgt Ion: 96 Resp: 88493

Ion Ratio Lower Upper

96 100

61 124.2 0.0 239.2

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 49.867 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

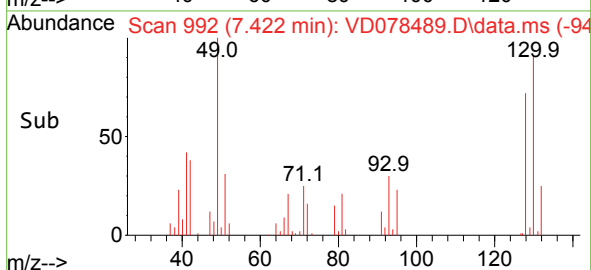
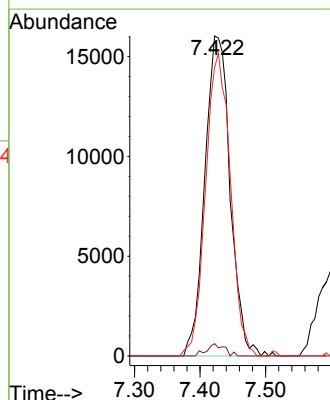
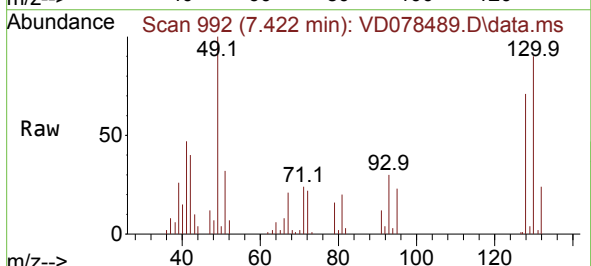
Tgt Ion: 49 Resp: 43086

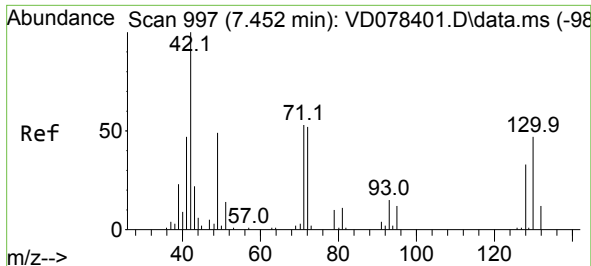
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.0

130 92.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 344.272 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078489.D

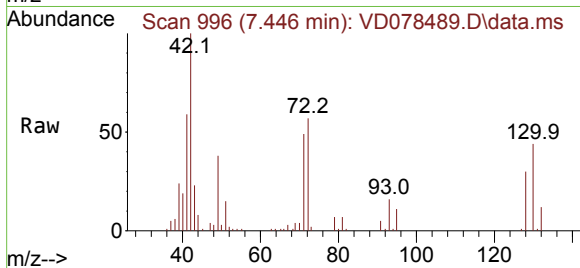
Acq: 20 Feb 2024 17:54

Instrument :

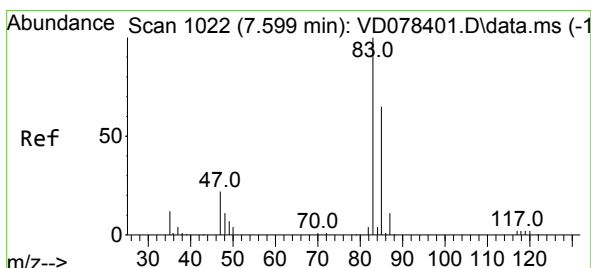
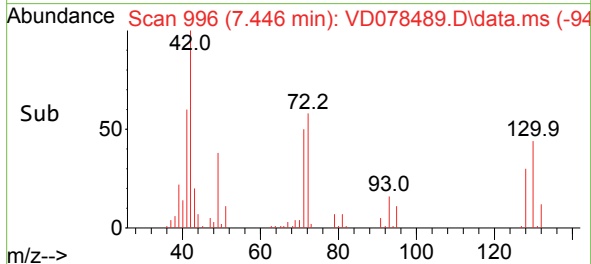
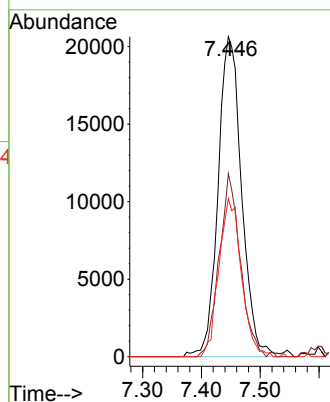
MSVOA_D

ClientSampleId :

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Tgt Ion:	42	Resp:	57431
Ion	Ratio	Lower	Upper
42	100		
72	51.2	46.5	69.7
71	47.3	44.5	66.7



#30

Chloroform

Concen: 61.455 ug/l

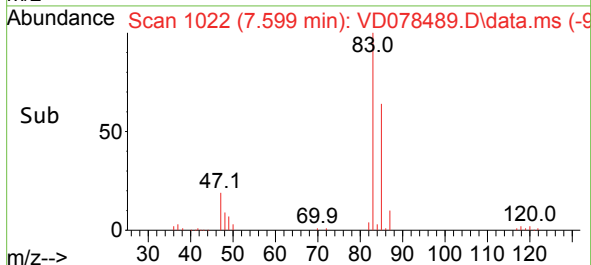
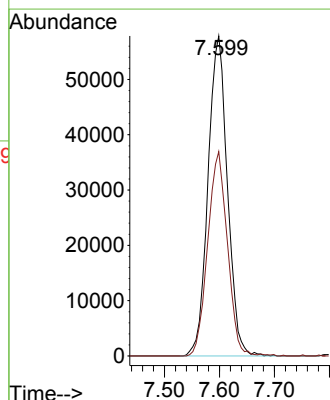
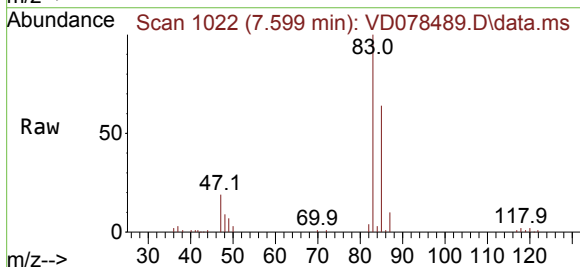
RT: 7.599 min Scan# 1022

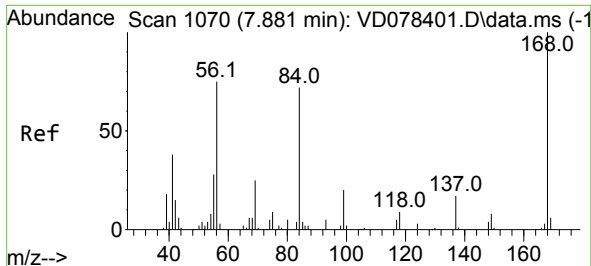
Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

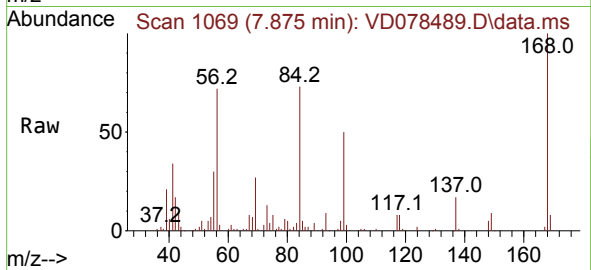
Tgt Ion:	83	Resp:	141843
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.4	80.2



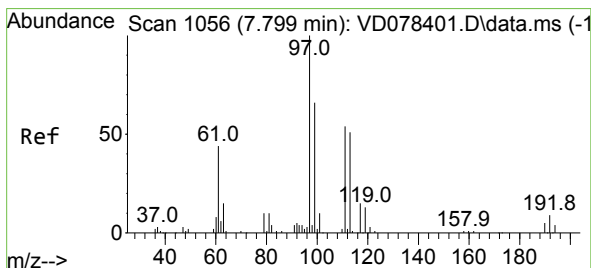
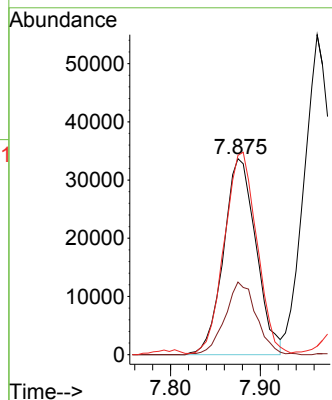
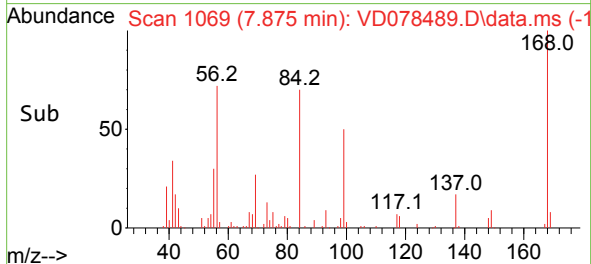


#31
Cyclohexane
Concen: 44.695 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

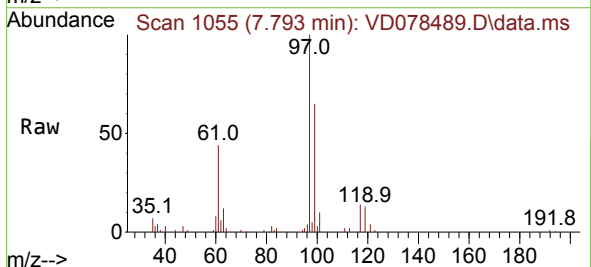
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-



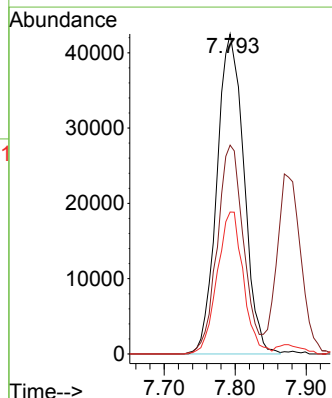
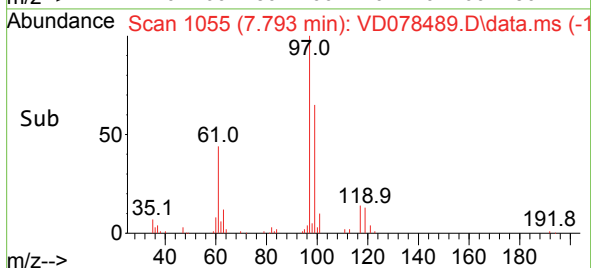
Tgt Ion: 56 Resp: 84809
Ion Ratio Lower Upper
56 100
69 37.0 28.6 43.0
84 100.1 84.8 127.2

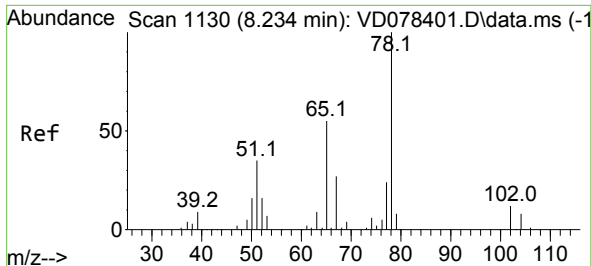


#32
1,1,1-Trichloroethane
Concen: 56.965 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54



Tgt Ion: 97 Resp: 112099
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 43.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 58.418 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

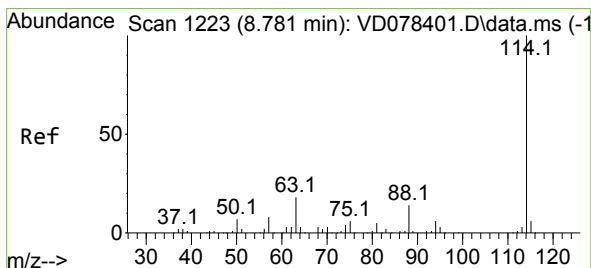
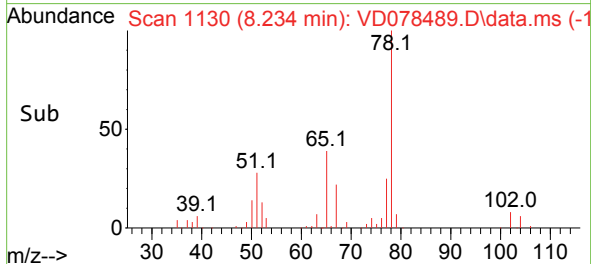
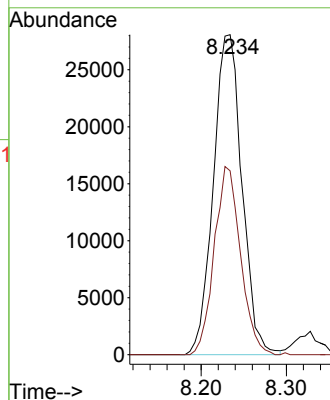
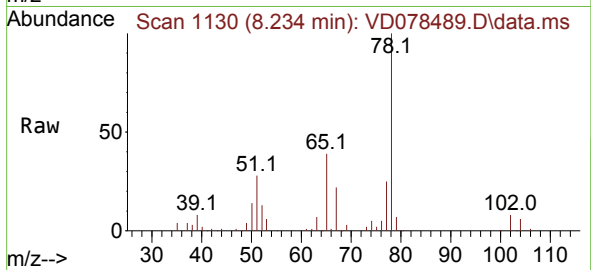
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 65 Resp: 65529

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

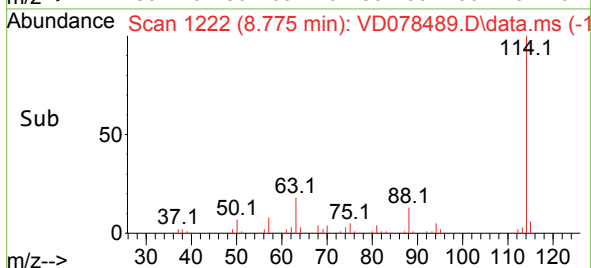
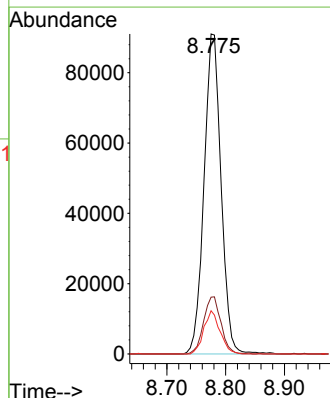
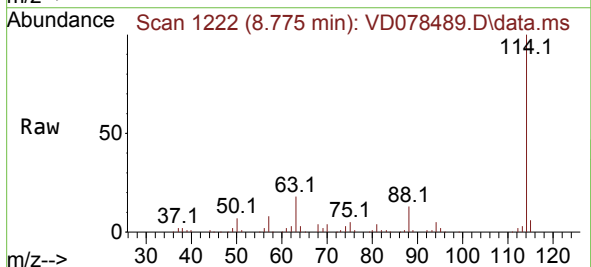
Tgt Ion: 114 Resp: 183046

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

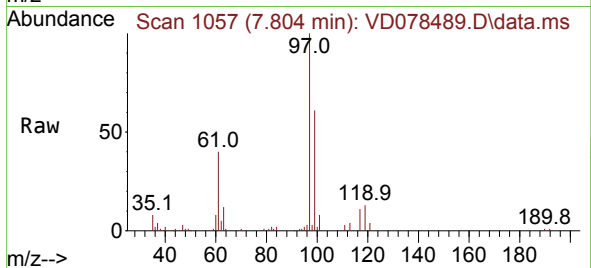
88 13.5 0.0 26.2



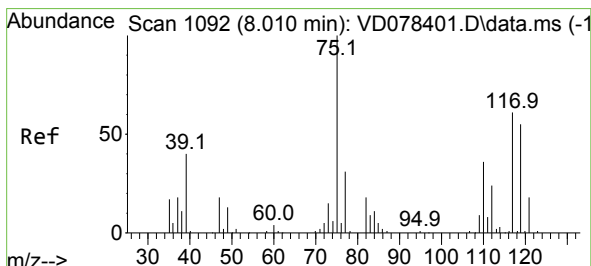
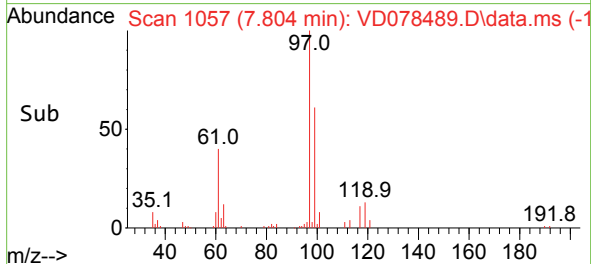
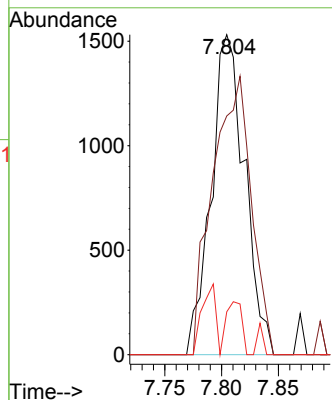


#35
Dibromofluoromethane
Concen: 2.701 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

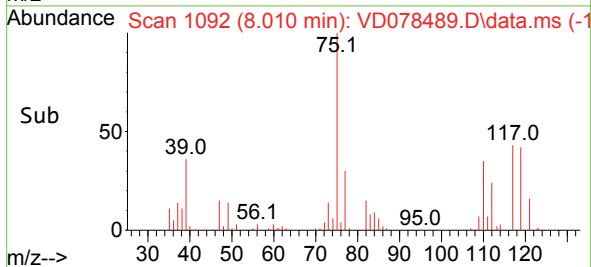
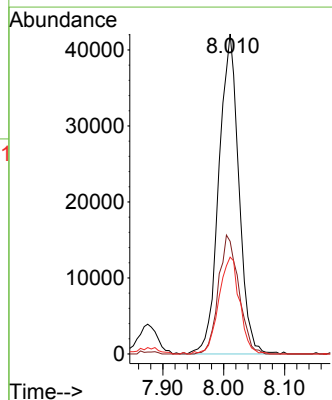
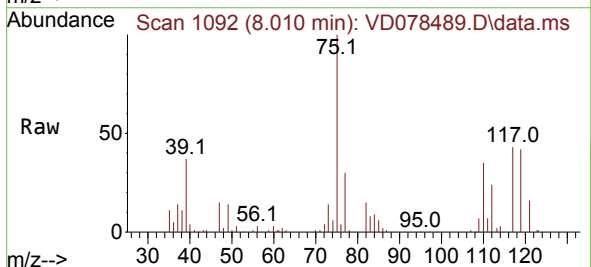


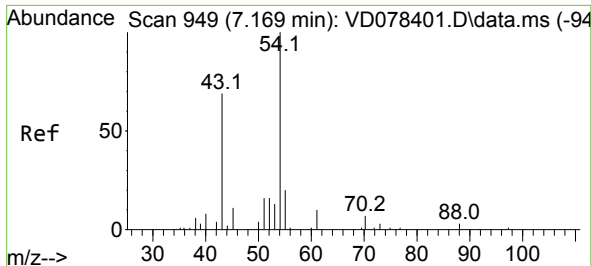
Tgt Ion: 113 Resp: 3141
Ion Ratio Lower Upper
113 100
111 100.3 84.7 127.1
192 7.9 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 53.047 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 75 Resp: 95818
Ion Ratio Lower Upper
75 100
110 37.9 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 150.697 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

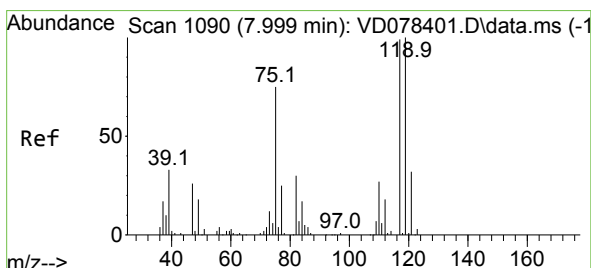
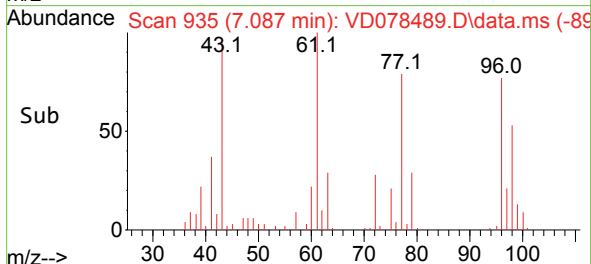
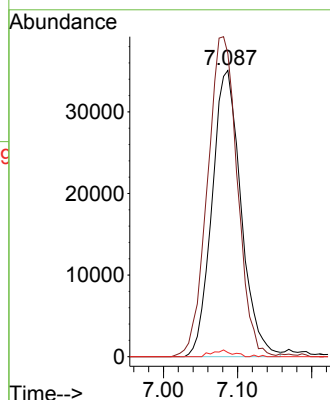
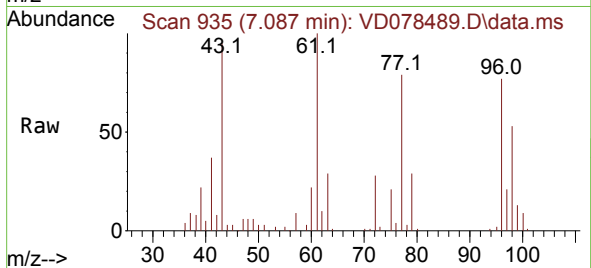
Tgt Ion: 43 Resp: 95420

Ion Ratio Lower Upper

43 100

61 115.2 14.9 22.3#

70 1.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 51.950 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

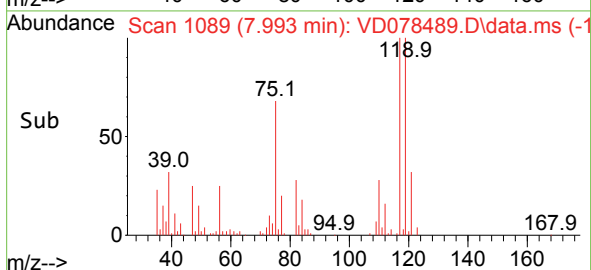
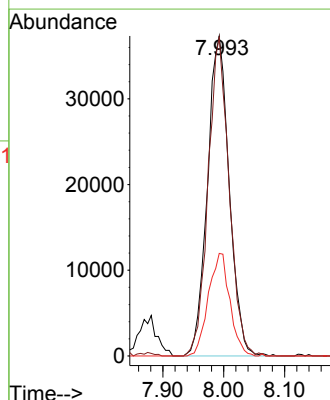
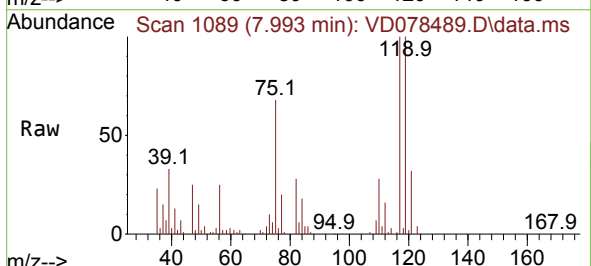
Tgt Ion: 117 Resp: 92929

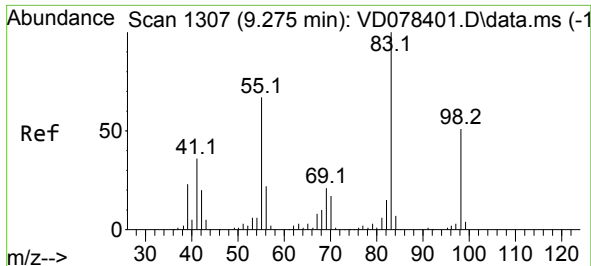
Ion Ratio Lower Upper

117 100

119 99.6 78.0 117.0

121 32.1 24.2 36.2





#39

Methylcyclohexane

Concen: 45.959 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

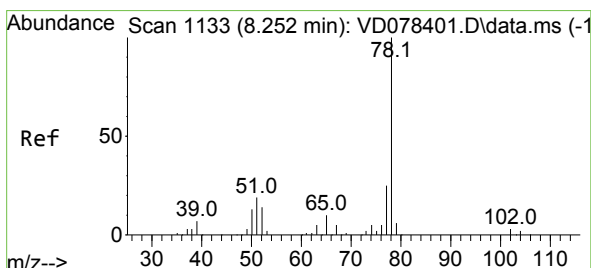
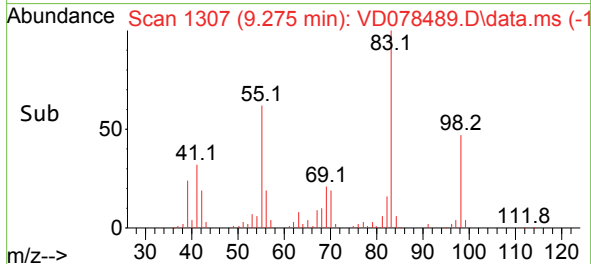
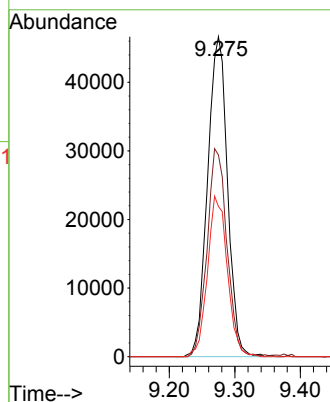
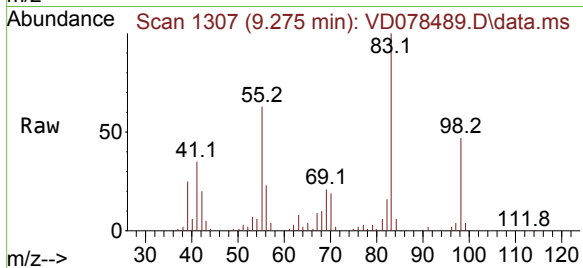
Tgt Ion: 83 Resp: 98553

Ion Ratio Lower Upper

83 100

55 63.1 49.4 74.0

98 47.0 38.4 57.6



#40

Benzene

Concen: 58.819 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078489.D

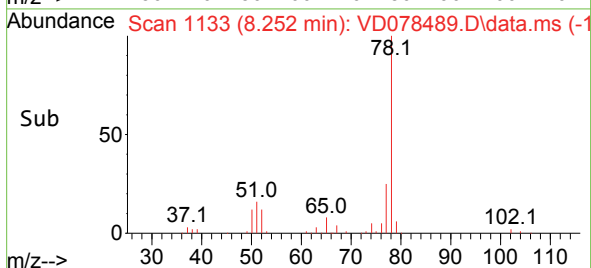
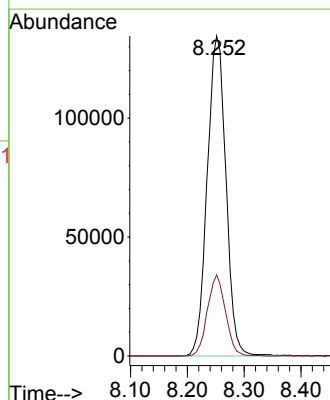
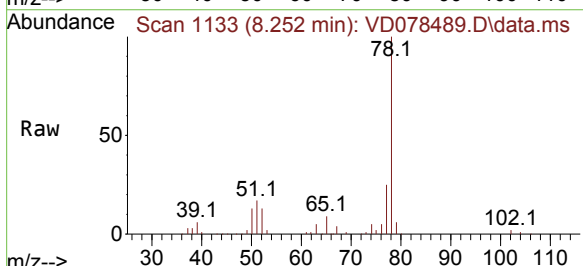
Acq: 20 Feb 2024 17:54

Tgt Ion: 78 Resp: 307091

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0



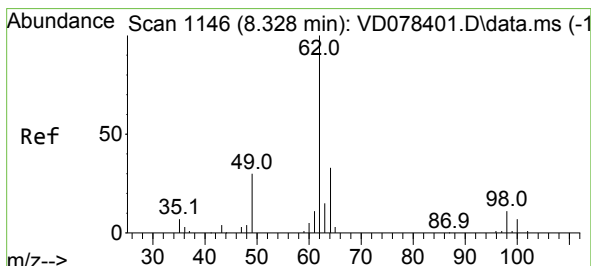
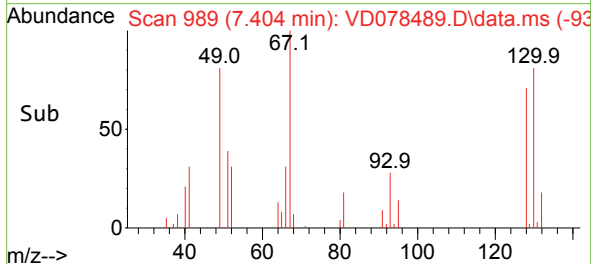
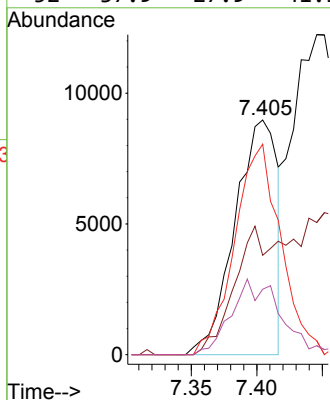
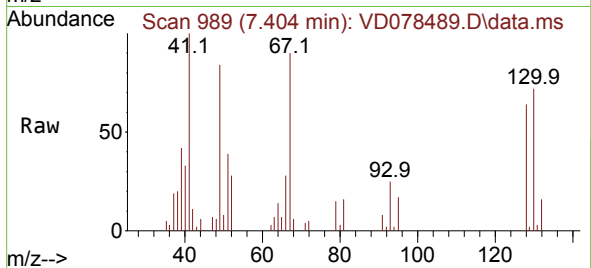


#41
Methacrylonitrile
Concen: 61.290 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 41 Resp: 20197

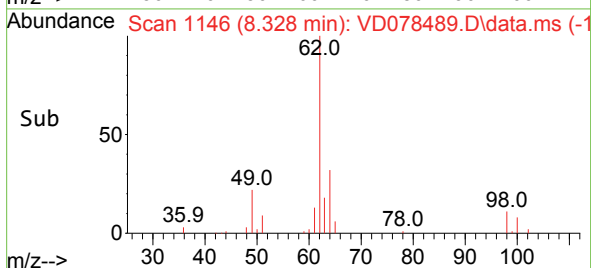
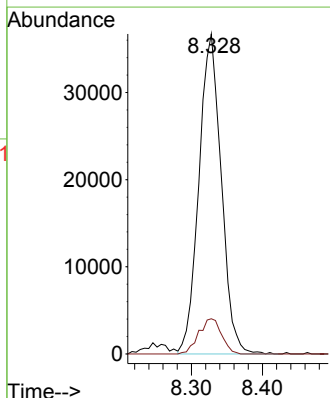
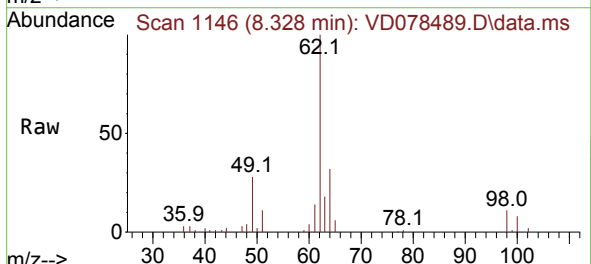
Ion	Ratio	Lower	Upper
41	100		
39	45.0	34.0	51.0
67	97.3	77.0	115.4
52	37.9	27.9	41.9

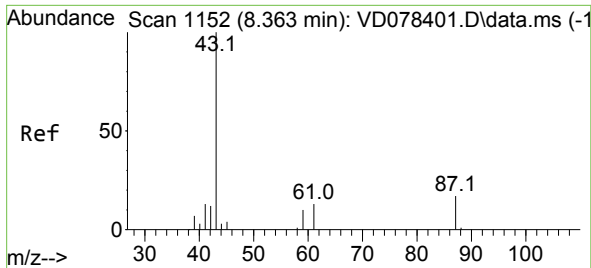


#42
1,2-Dichloroethane
Concen: 59.630 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 62 Resp: 80556

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	25.4

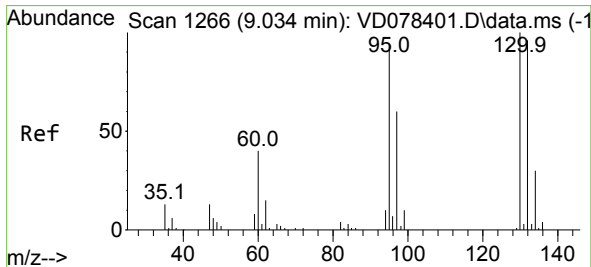
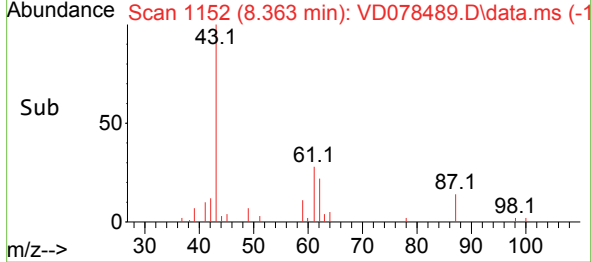
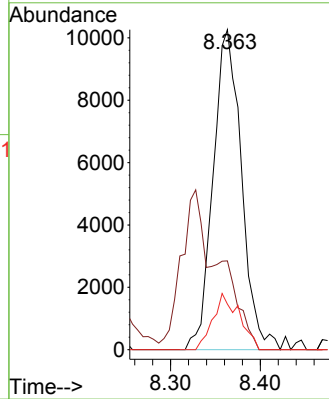
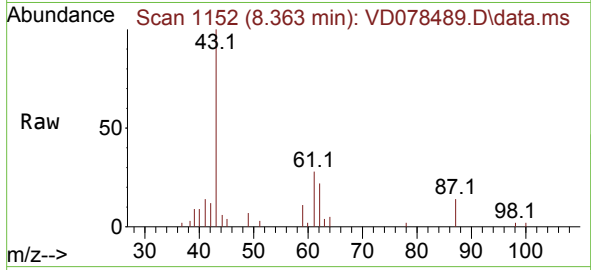




#43
Isopropyl Acetate
Concen: 19.189 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

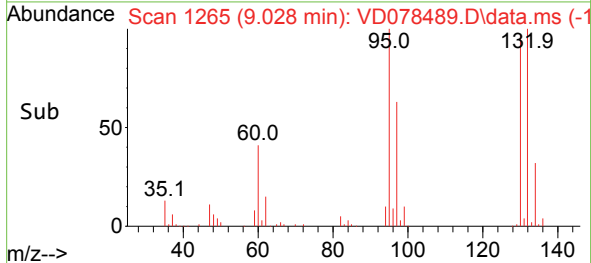
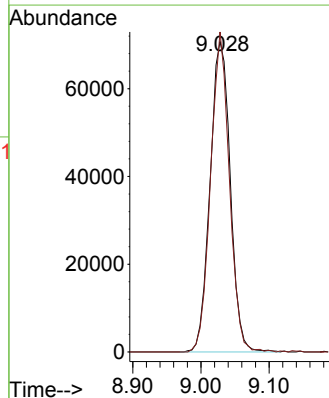
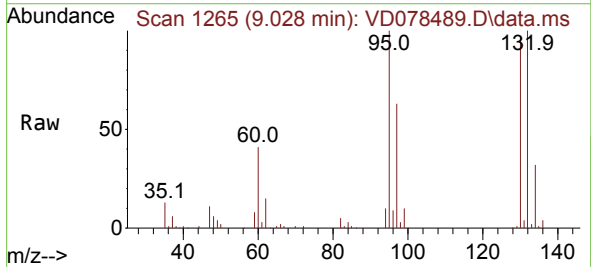
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

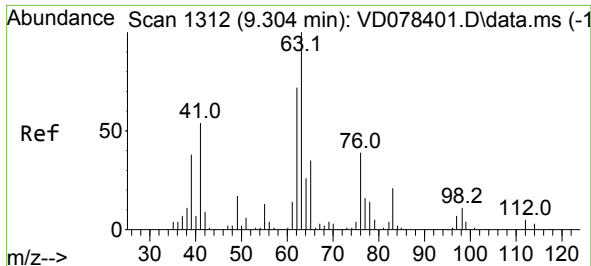
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	31.4	47.0#
87	16.4	14.9	22.3



#44
Trichloroethene
Concen: 109.495 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	179.2





#45

1,2-Dichloropropane

Concen: 59.847 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

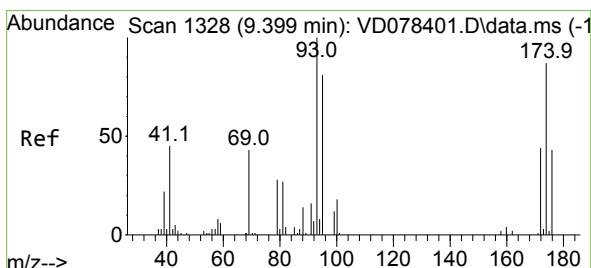
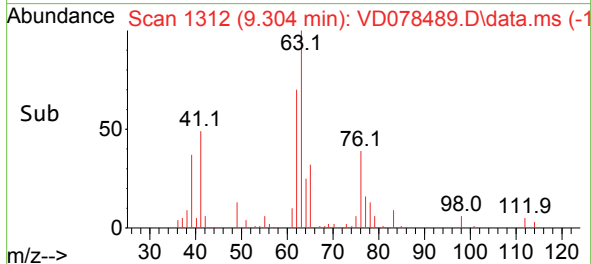
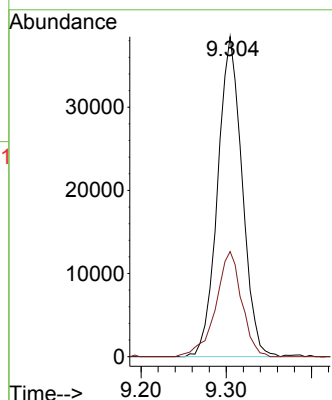
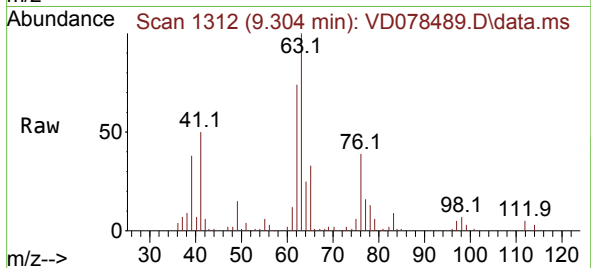
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion: 63 Resp: 76663

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 61.225 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

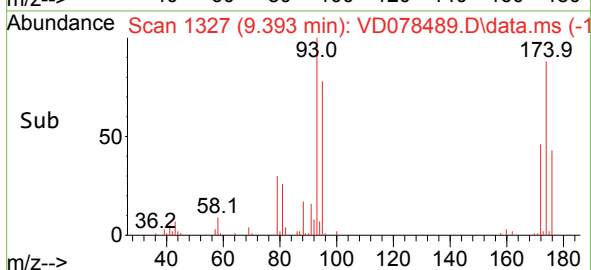
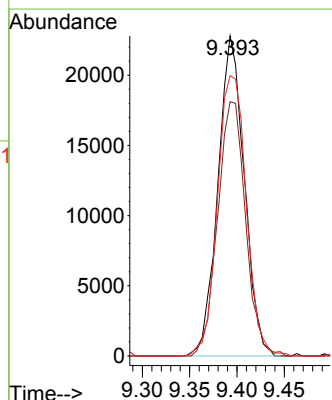
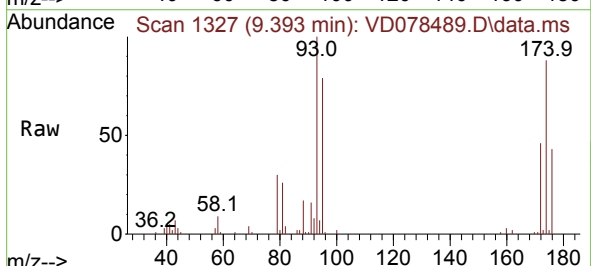
Tgt Ion: 93 Resp: 44114

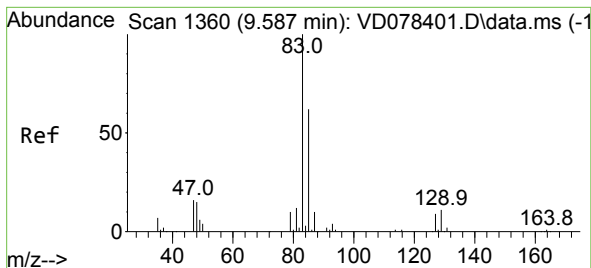
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

174 95.4 85.4 128.2





#47

Bromodichloromethane

Concen: 57.815 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078489.D

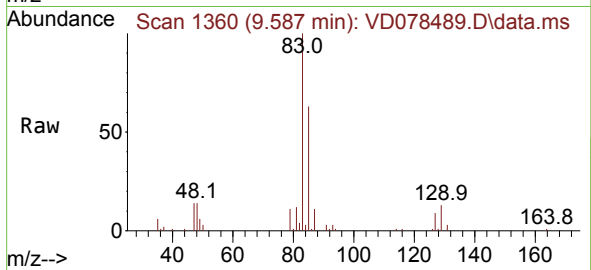
Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-



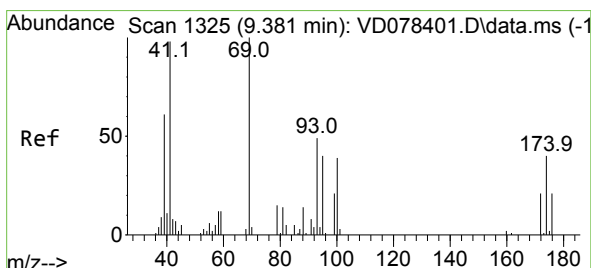
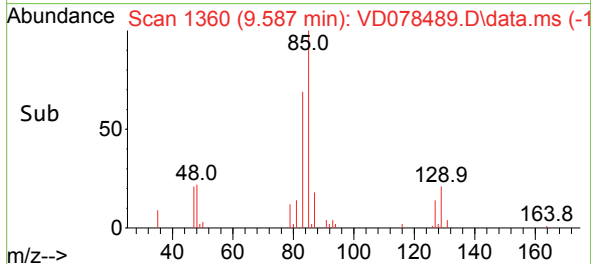
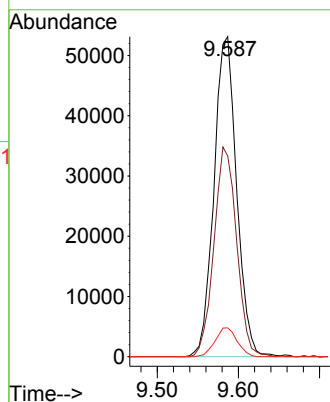
Tgt Ion: 83 Resp: 103177

Ion Ratio Lower Upper

83 100

85 62.7 50.2 75.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 4.906 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

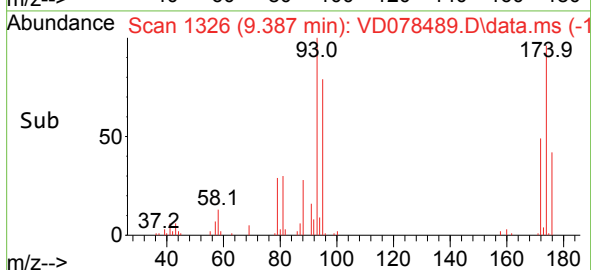
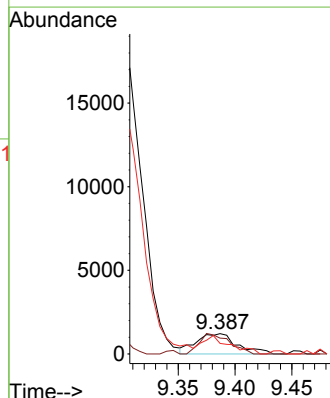
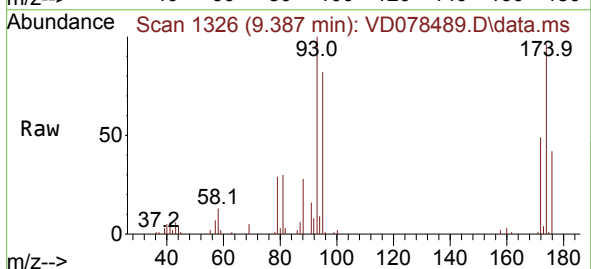
Tgt Ion: 41 Resp: 3052

Ion Ratio Lower Upper

41 100

69 73.1 102.2 153.2#

39 60.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1380.505 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078489.D

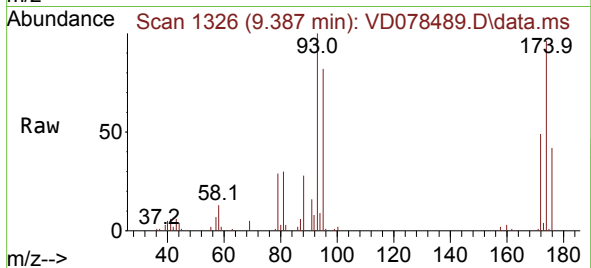
Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-



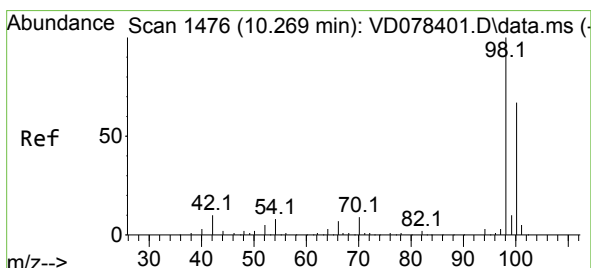
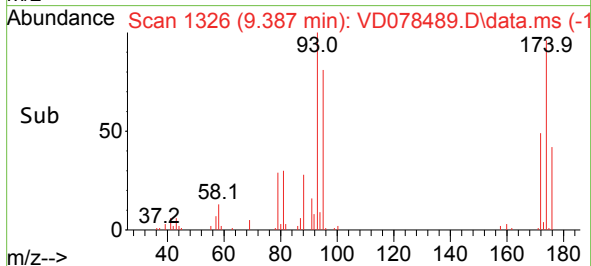
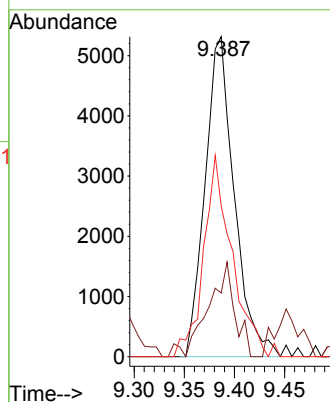
Tgt Ion: 88 Resp: 10772

Ion Ratio Lower Upper

88 100

43 27.0 19.0 28.6

58 60.7 43.5 65.3



#50

Toluene-d8

Concen: 54.612 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078489.D

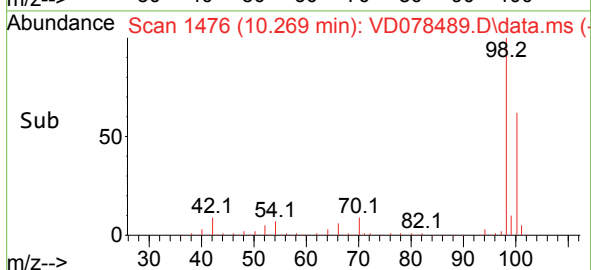
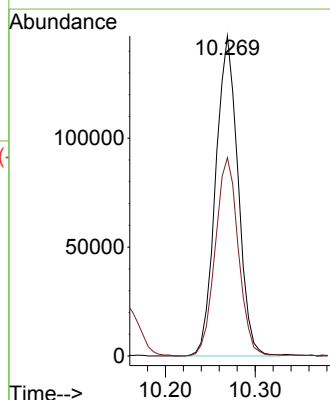
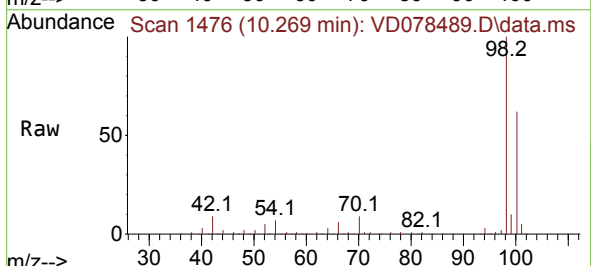
Acq: 20 Feb 2024 17:54

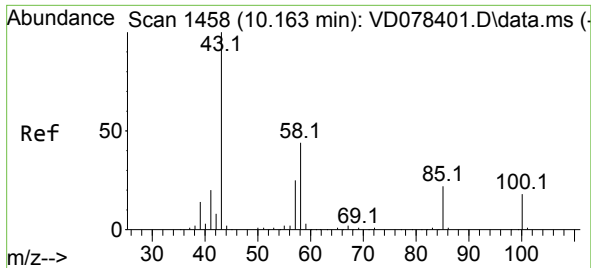
Tgt Ion: 98 Resp: 254014

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

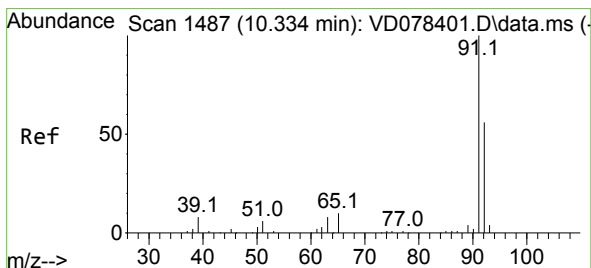
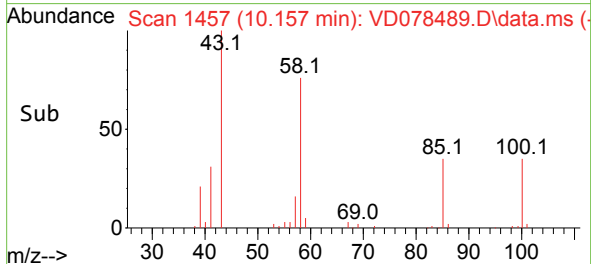
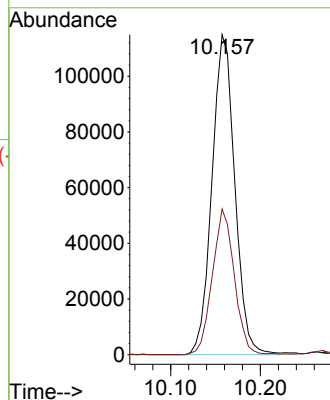
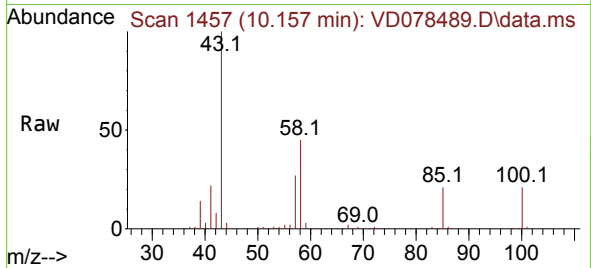




#51
4-Methyl-2-Pentanone
Concen: 326.146 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

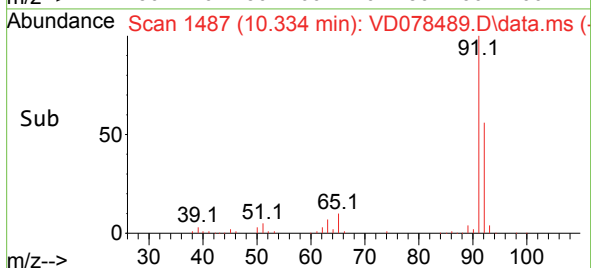
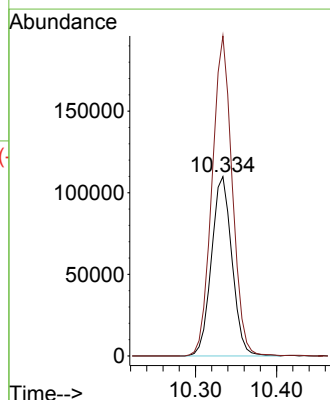
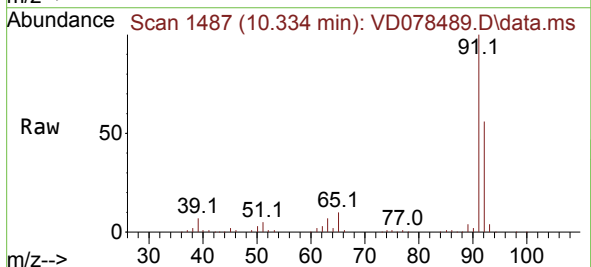
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

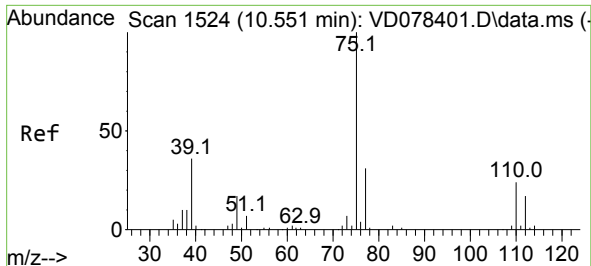
Tgt Ion: 43 Resp: 202963
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3



#52
Toluene
Concen: 58.335 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 92 Resp: 192601
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

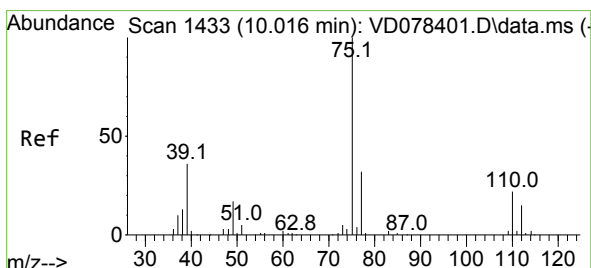
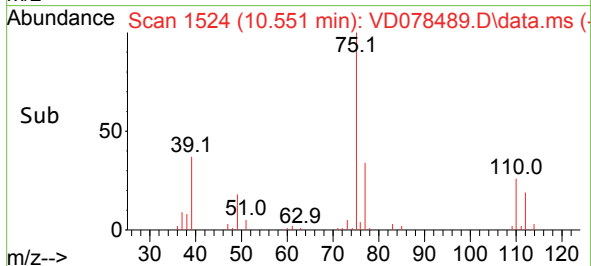
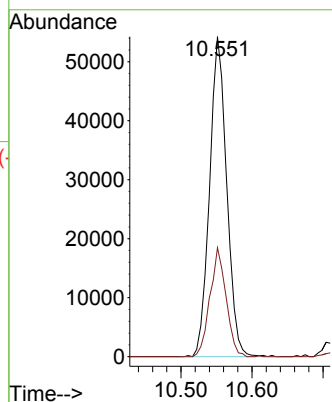
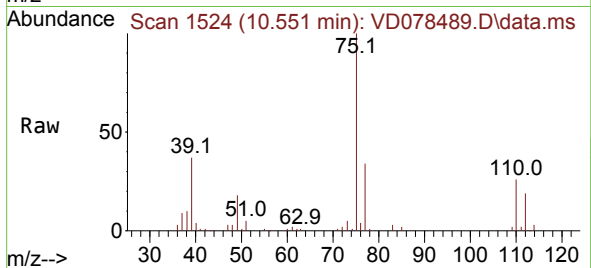




#53
t-1,3-Dichloropropene
Concen: 55.864 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

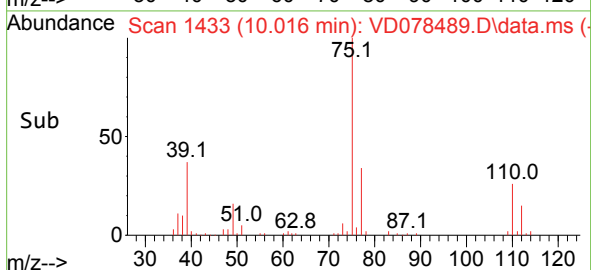
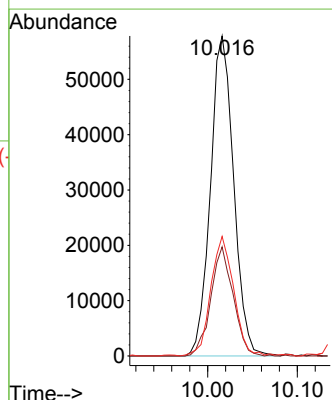
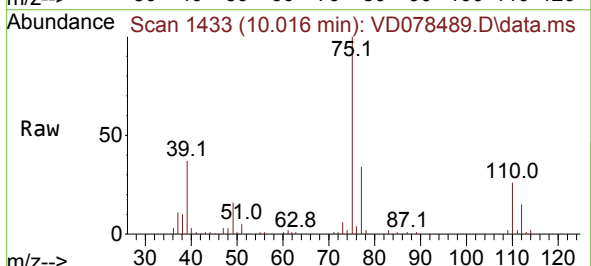
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

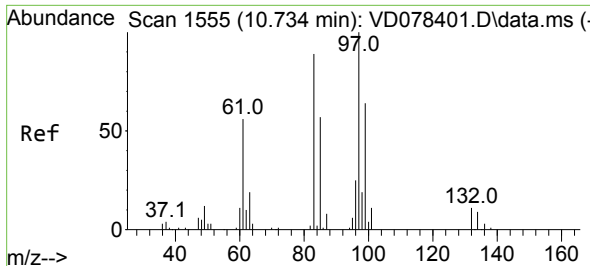
Tgt Ion: 75 Resp: 90969
Ion Ratio Lower Upper
75 100
77 34.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.723 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 75 Resp: 104106
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
39 37.4 22.1 33.1#

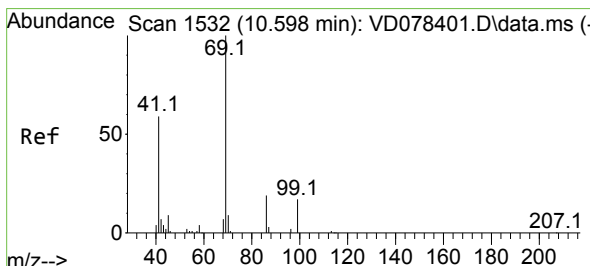
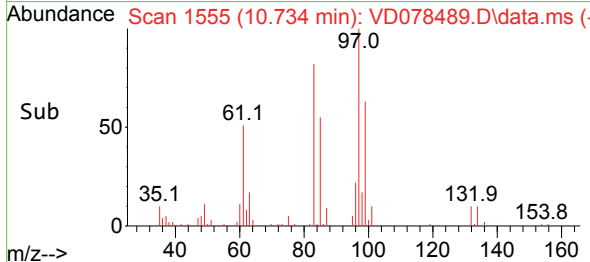
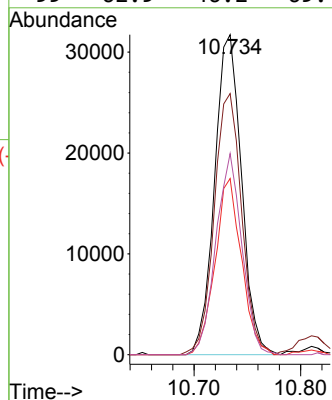
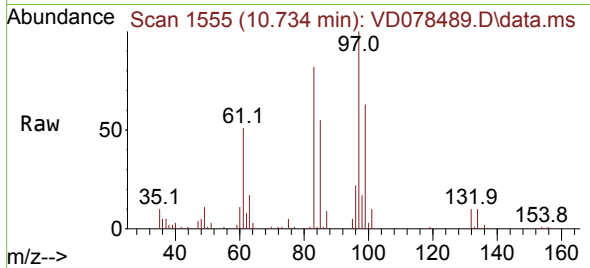




#55
1,1,2-Trichloroethane
Concen: 57.312 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

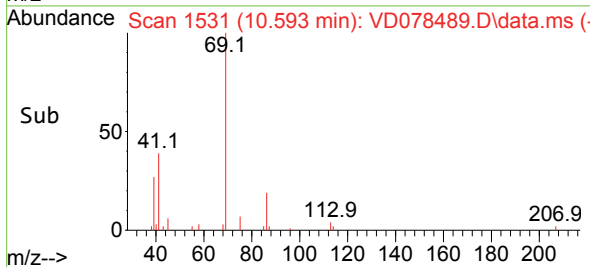
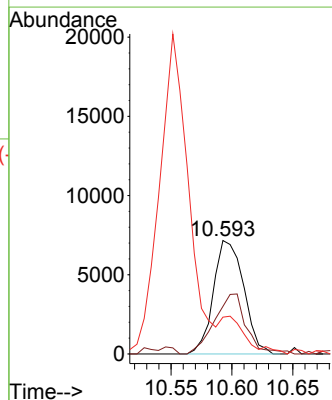
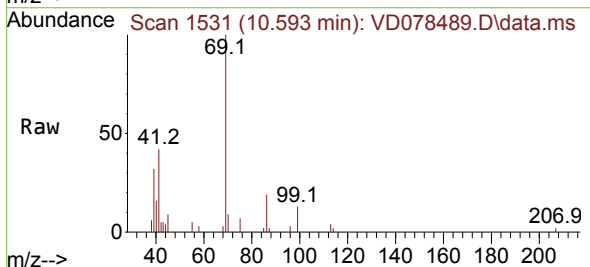
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

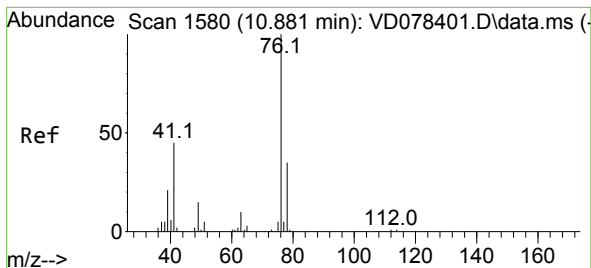
Tgt Ion: 97	Resp: 55611
Ion Ratio	Lower Upper
97 100	
83 81.6	65.8 98.6
85 55.1	45.7 68.5
99 62.9	46.2 69.4



#56
Ethyl methacrylate
Concen: 13.796 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 69	Resp: 12381
Ion Ratio	Lower Upper
69 100	
41 55.5	39.1 58.7
39 0.0	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 61.592 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078489.D

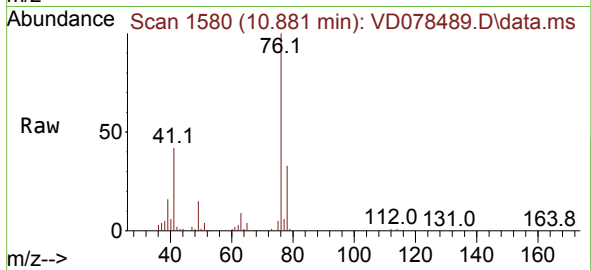
Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

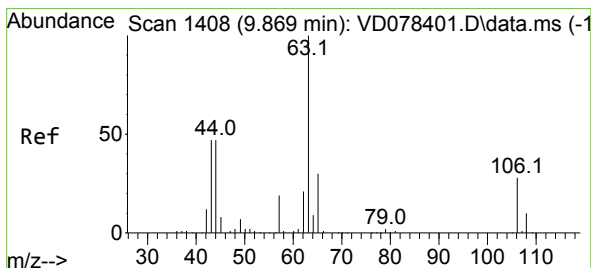
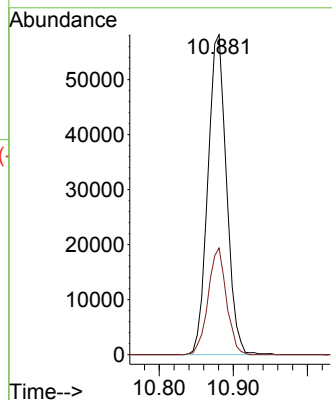
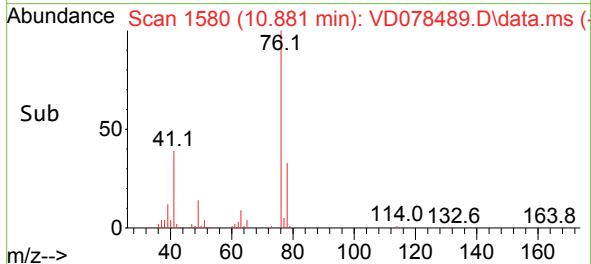


Tgt Ion: 76 Resp: 101663

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 367.351 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078489.D

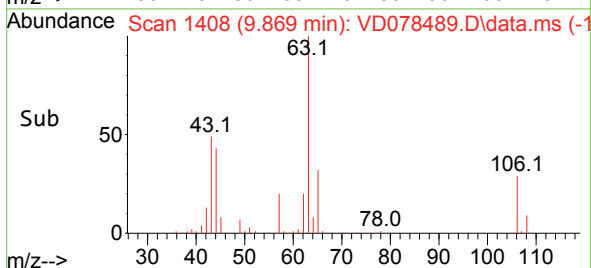
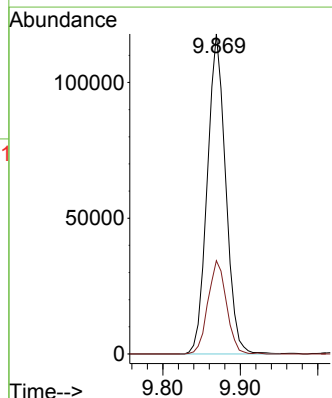
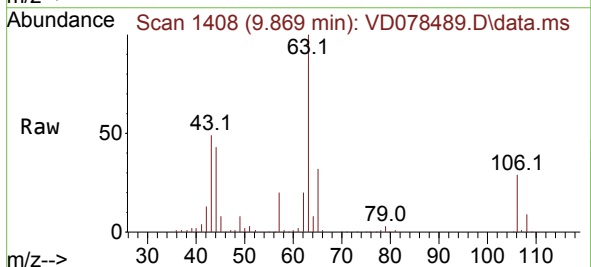
Acq: 20 Feb 2024 17:54

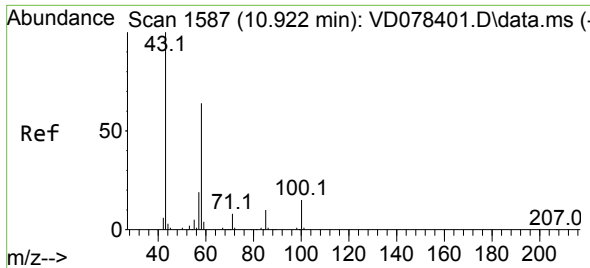
Tgt Ion: 63 Resp: 194185

Ion Ratio Lower Upper

63 100

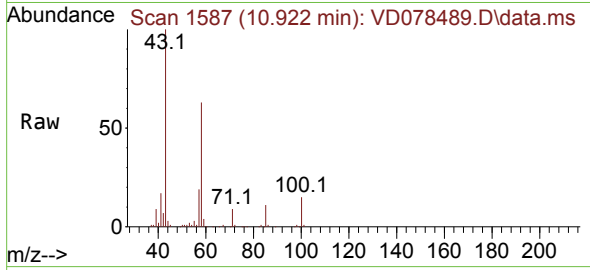
106 29.2 25.3 37.9



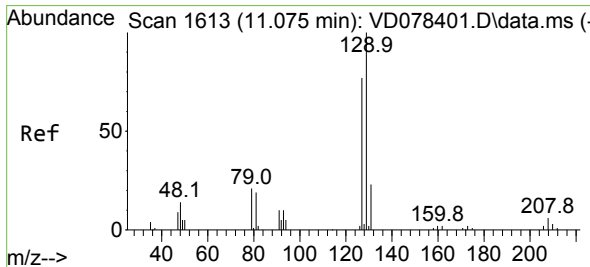
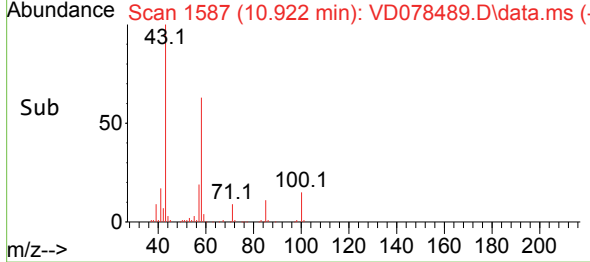
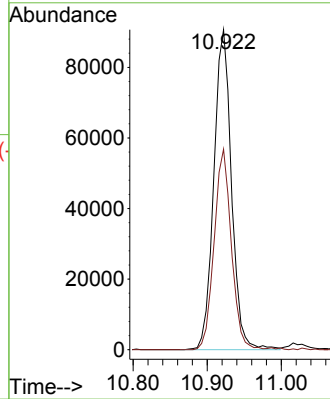


#59
2-Hexanone
Concen: 320.907 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

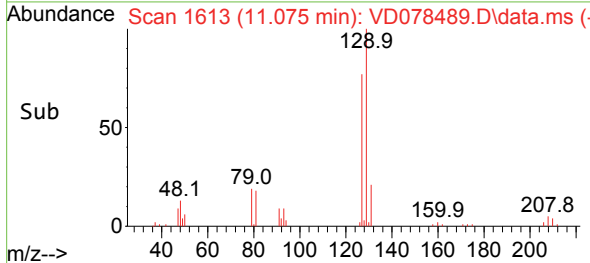
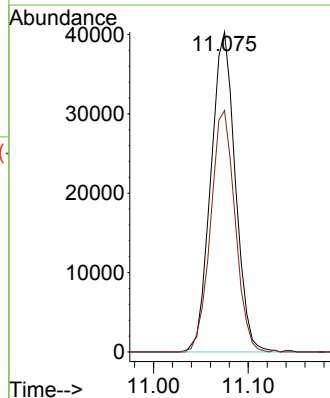
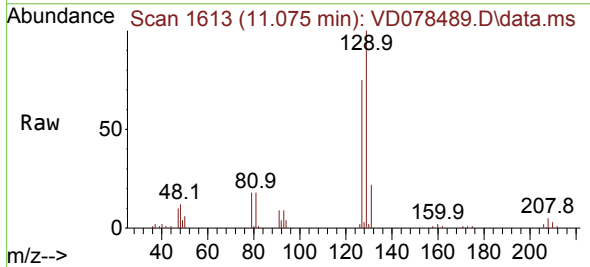


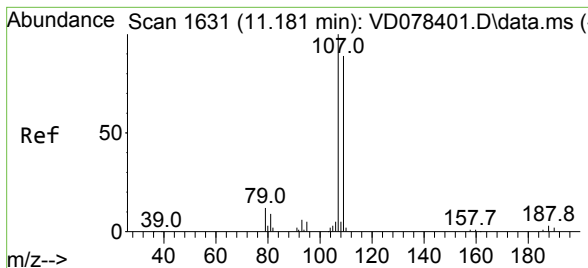
Tgt Ion: 43 Resp: 150079
Ion Ratio Lower Upper
43 100
58 61.0 34.1 102.2



#60
Dibromochloromethane
Concen: 61.822 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 129 Resp: 72175
Ion Ratio Lower Upper
129 100
127 75.4 37.1 111.5

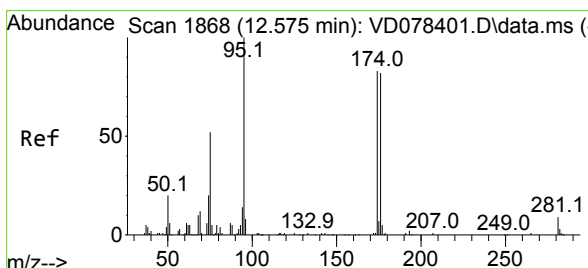
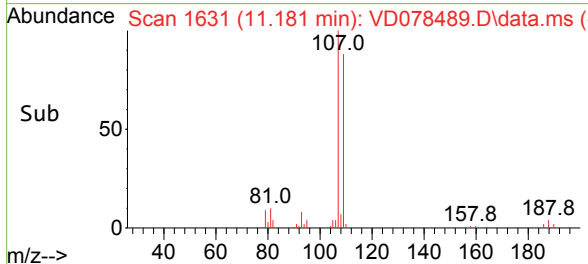
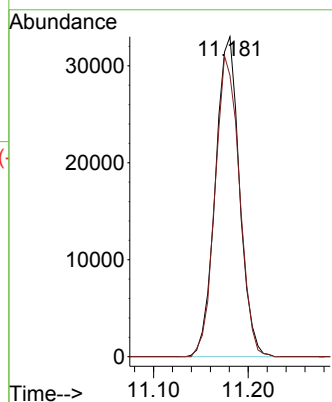
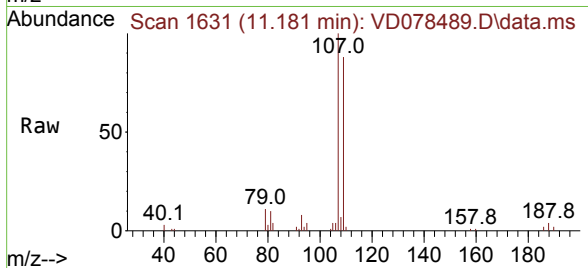




#61
1,2-Dibromoethane
Concen: 63.894 ug/l
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

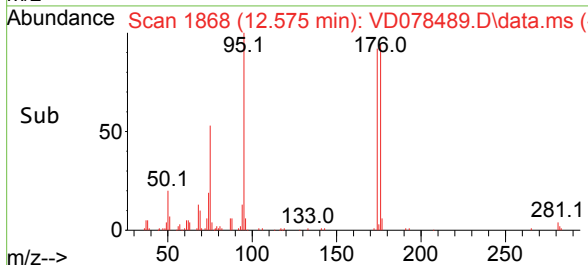
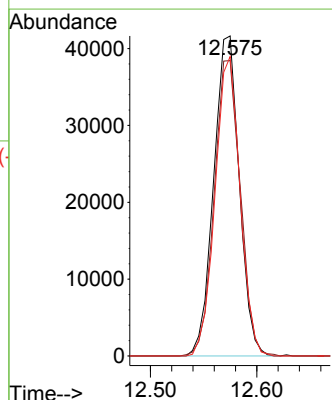
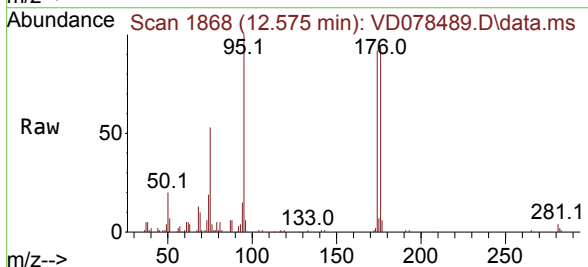
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

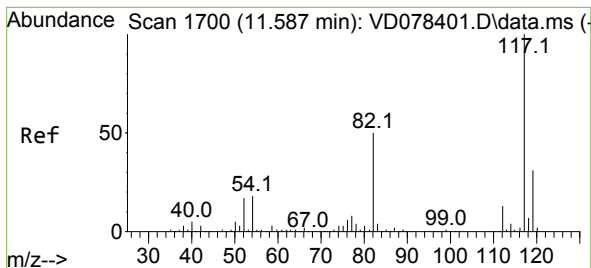
Tgt Ion:107 Resp: 58204
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.243 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 95 Resp: 69359
Ion Ratio Lower Upper
95 100
174 94.1 0.0 201.8
176 91.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

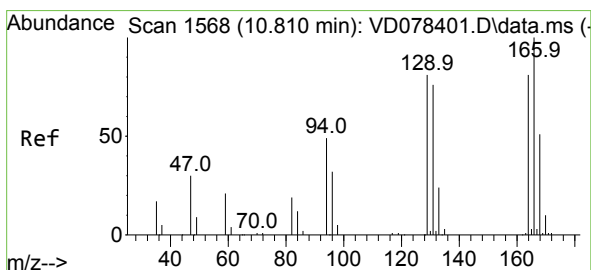
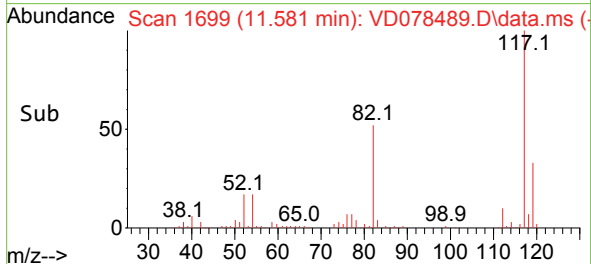
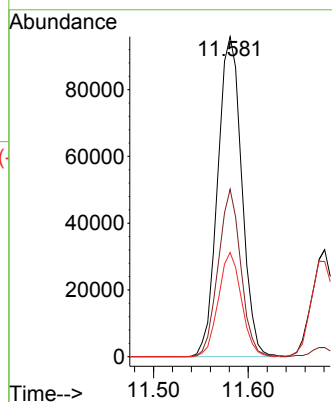
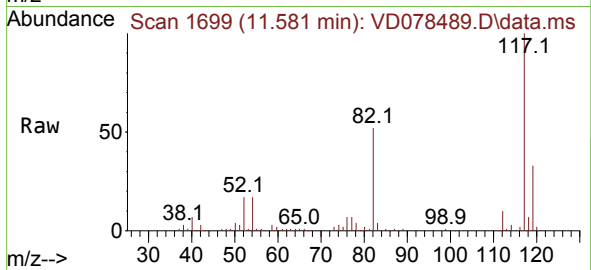
Tgt Ion:117 Resp: 169265

Ion Ratio Lower Upper

117 100

82 52.3 38.3 57.5

119 32.6 25.0 37.4



#64

Tetrachloroethene

Concen: 101.188 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Tgt Ion:164 Resp: 108183

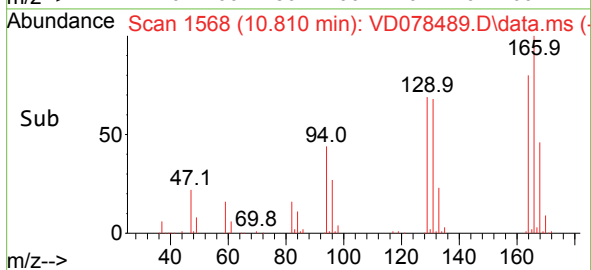
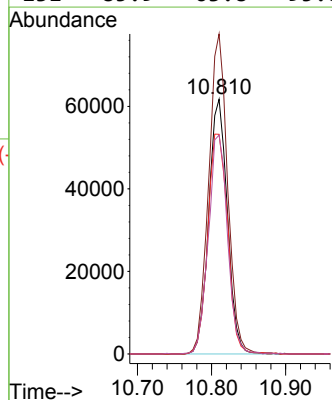
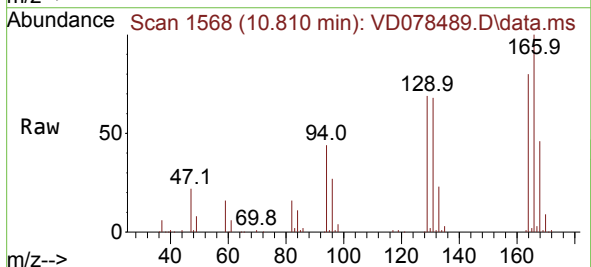
Ion Ratio Lower Upper

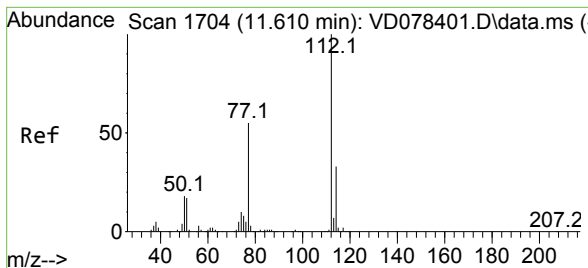
164 100

166 125.6 99.2 148.8

129 86.2 68.4 102.6

131 85.9 63.8 95.8

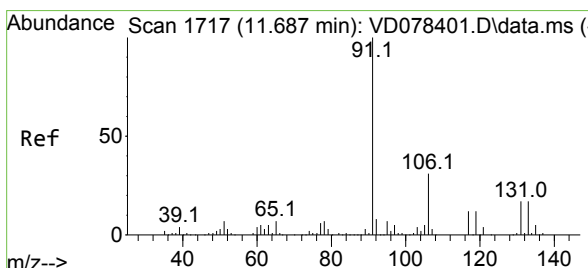
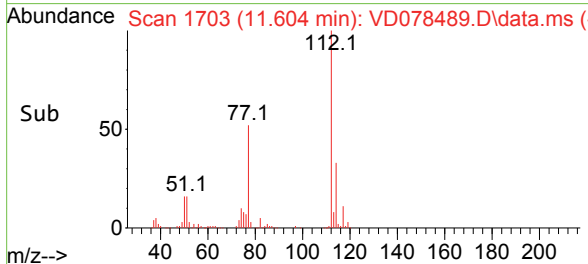
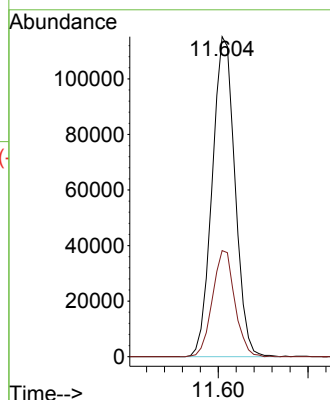
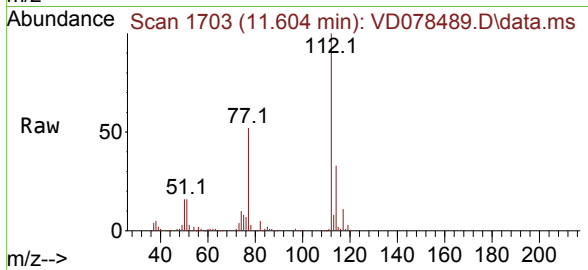




#65
Chlorobenzene
Concen: 59.555 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

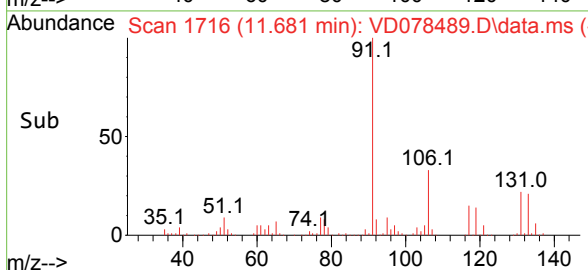
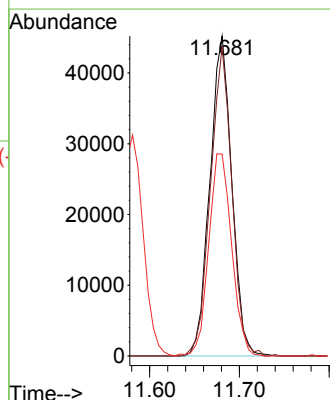
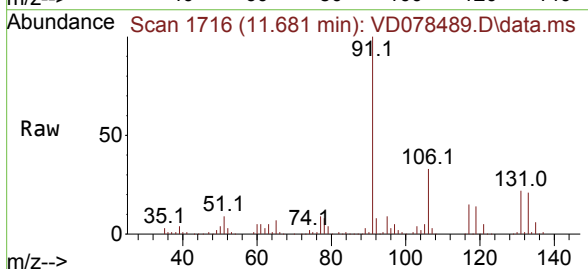
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

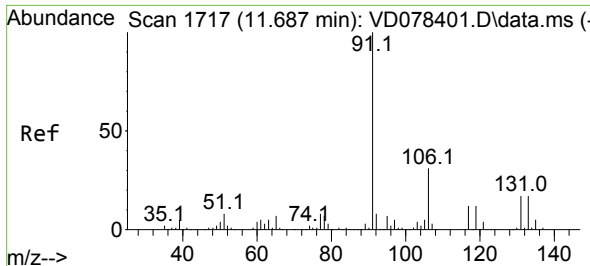
Tgt Ion:112 Resp: 202658
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 61.428 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:131 Resp: 76819
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 66.1 35.6 106.9

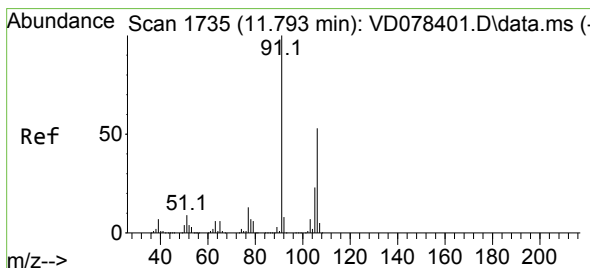
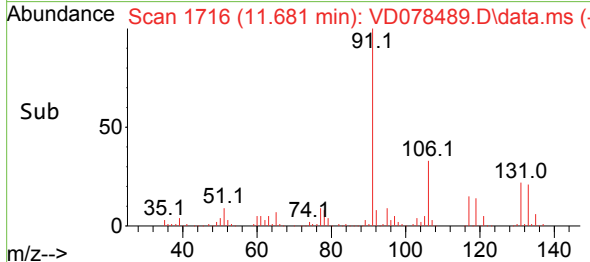
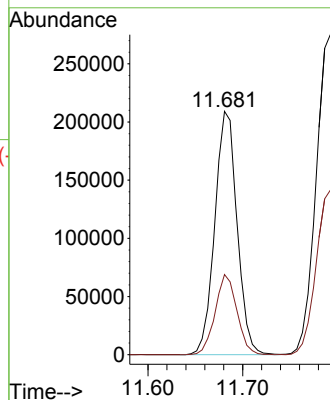
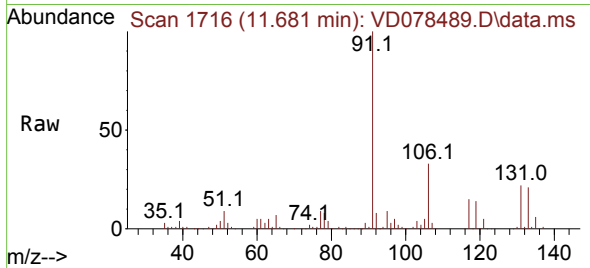




#67
Ethyl Benzene
Concen: 56.089 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

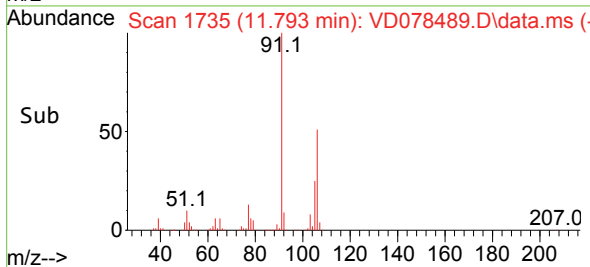
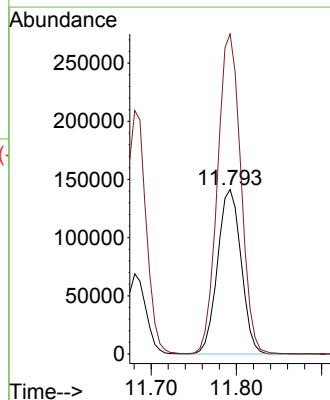
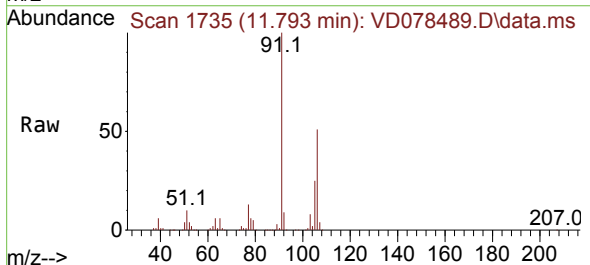
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

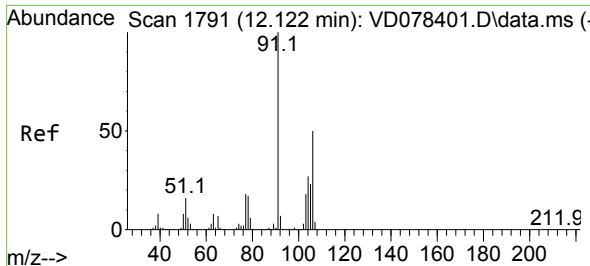
Tgt Ion: 91 Resp: 341981
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7



#68
m/p-Xylenes
Concen: 114.080 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 106 Resp: 271314
Ion Ratio Lower Upper
106 100
91 193.3 147.0 220.6

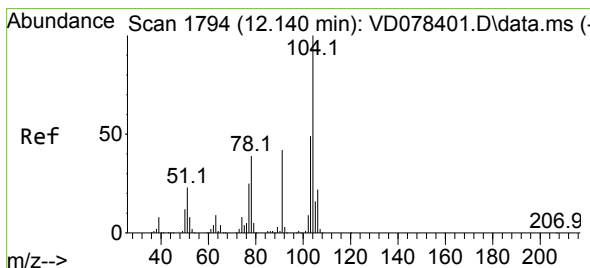
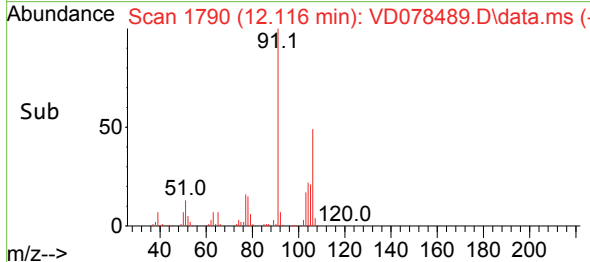
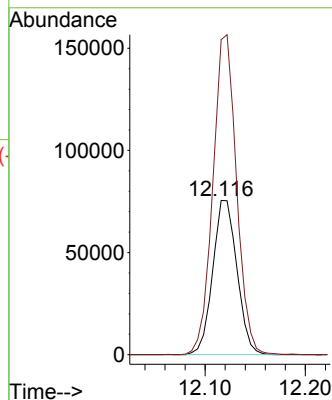
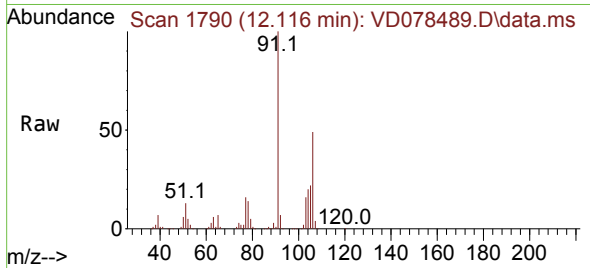




#69
o-Xylene
Concen: 58.396 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

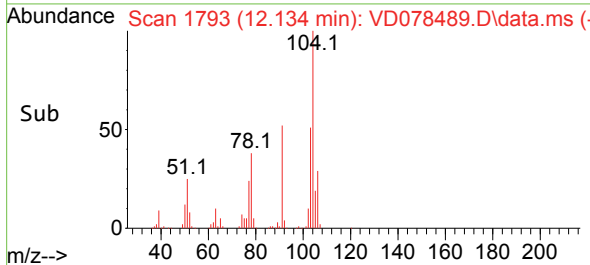
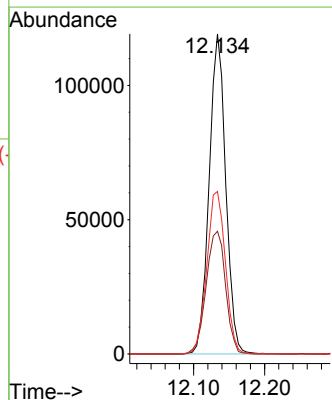
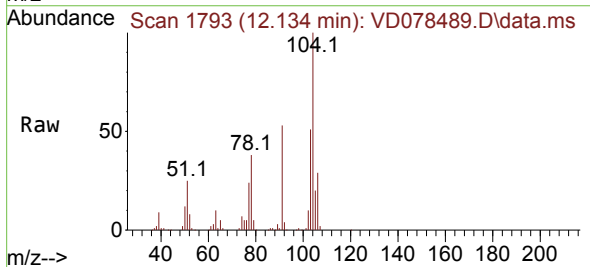
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

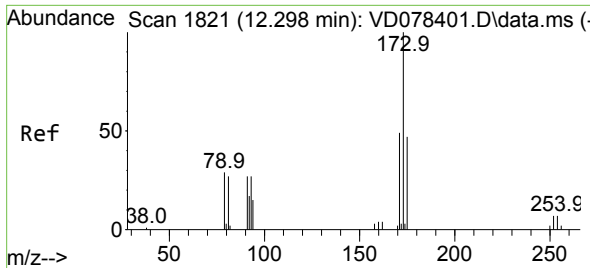
Tgt Ion:106 Resp: 126740
Ion Ratio Lower Upper
106 100
91 202.7 97.9 293.6



#70
Styrene
Concen: 54.831 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:104 Resp: 194217
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 57.0 43.6 65.4

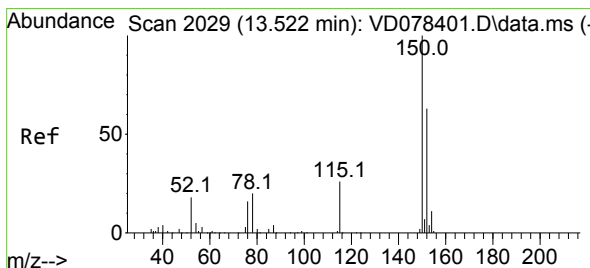
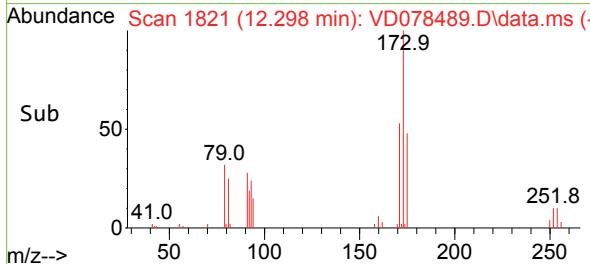
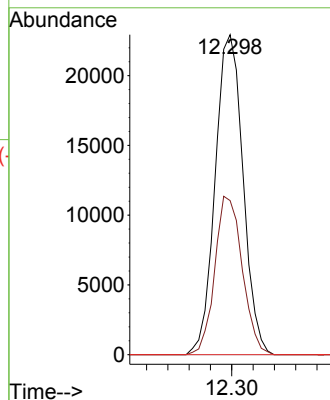
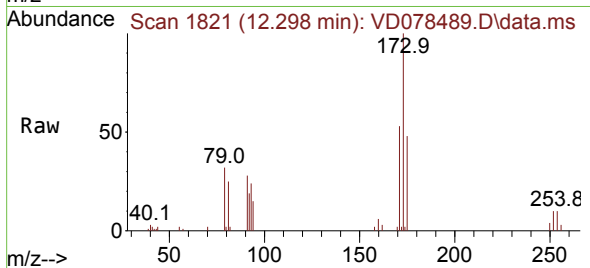




#71
Bromoform
Concen: 63.142 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

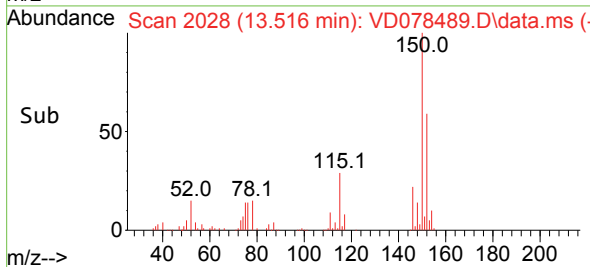
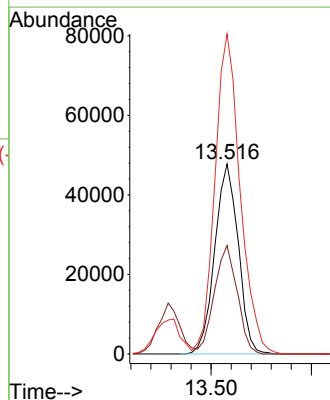
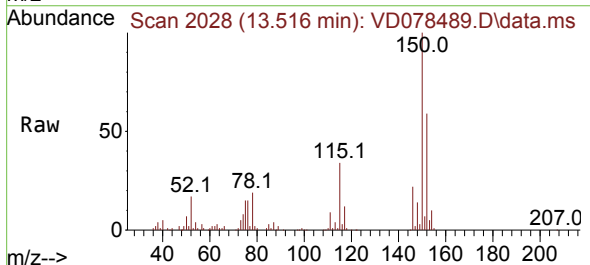
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

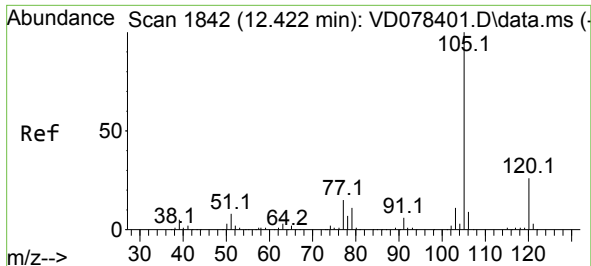
Tgt Ion:173 Resp: 41561
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:152 Resp: 77624
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 180.6 0.0 353.6

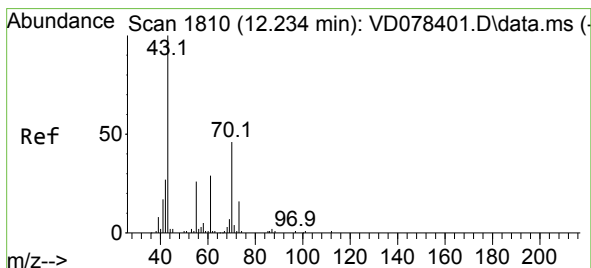
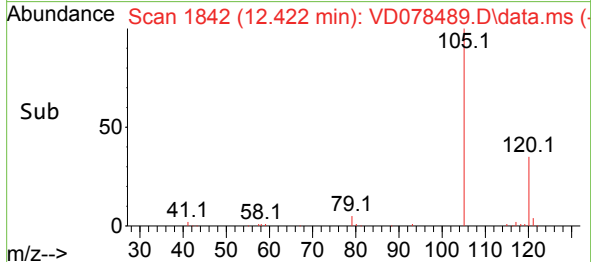
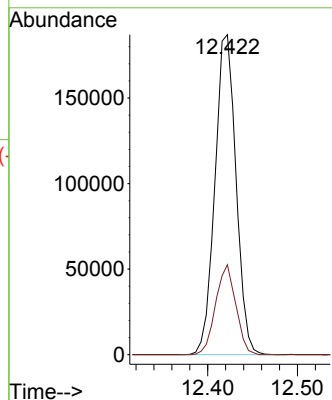
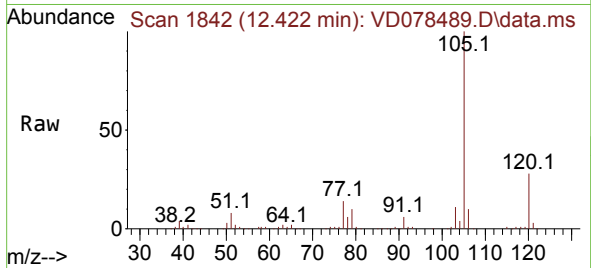




#73
Isopropylbenzene
Concen: 58.548 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

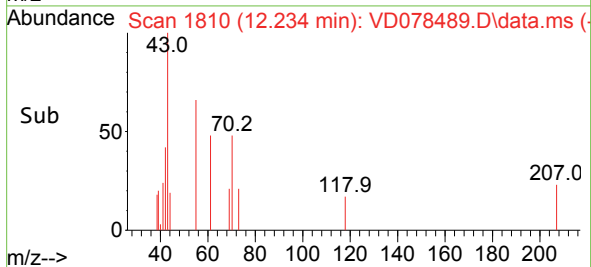
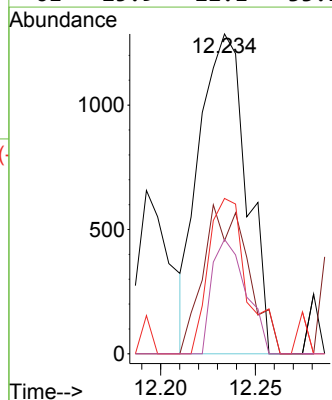
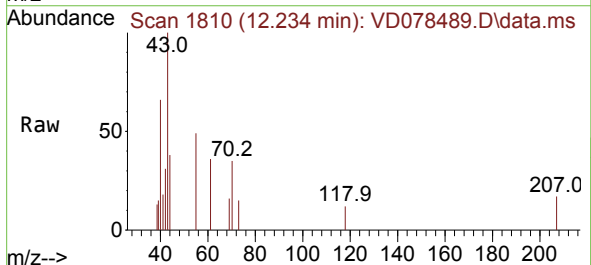
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

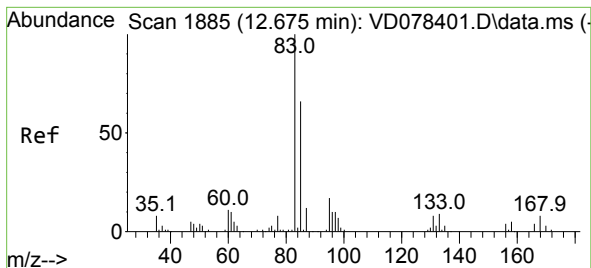
Tgt Ion:105 Resp: 305177
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 2.262 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
70 44.4 45.0 67.4#
55 39.6 23.8 35.6#
61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 1.420 ug/l

RT: 12.710 min Scan# 1891

Delta R.T. 0.035 min

Lab File: VD078489.D

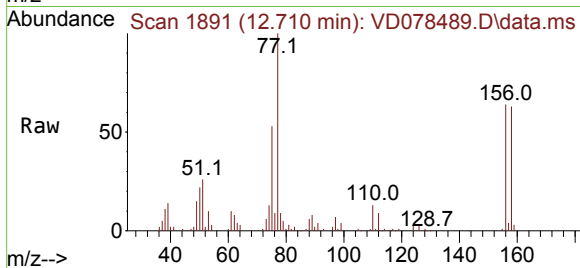
Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-



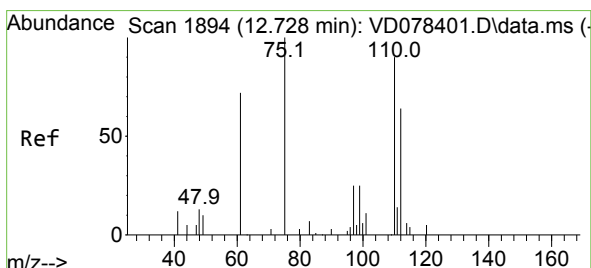
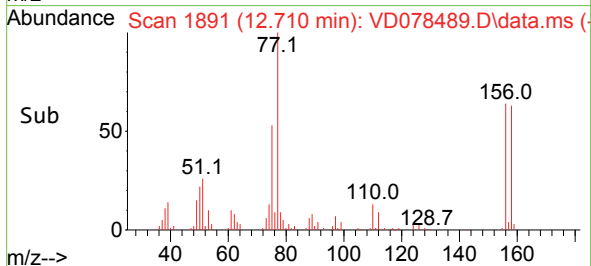
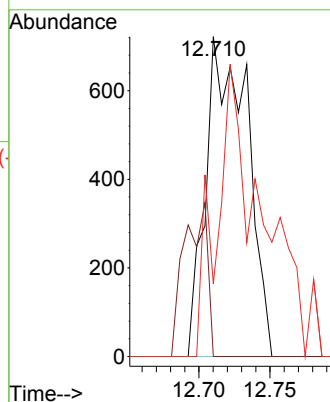
Tgt Ion: 83 Resp: 1468

Ion Ratio Lower Upper

83 100

131 26.7 5.1 15.3#

85 101.9 32.6 97.8#



#76

1,2,3-Trichloropropane

Concen: 118.860 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078489.D

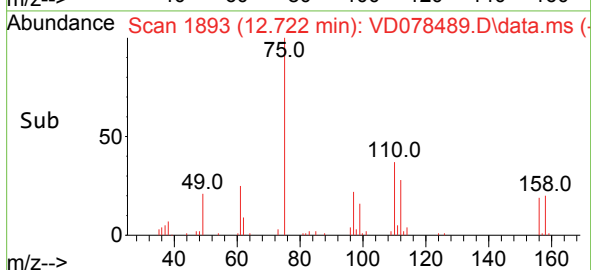
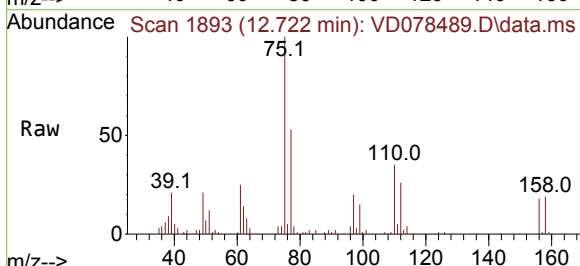
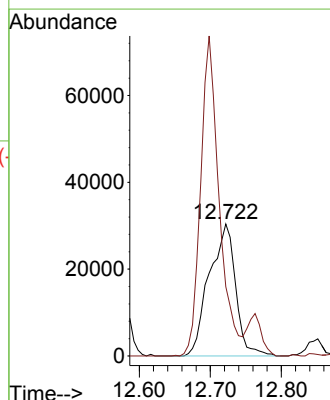
Acq: 20 Feb 2024 17:54

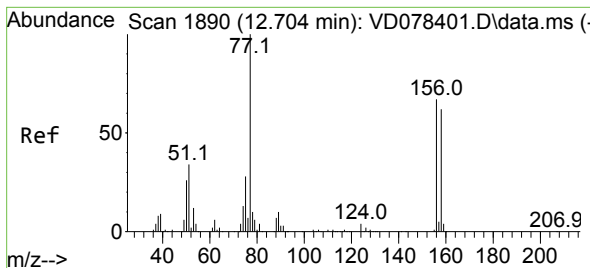
Tgt Ion: 75 Resp: 78329

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 64.112 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

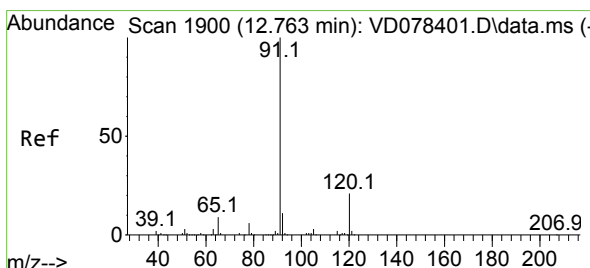
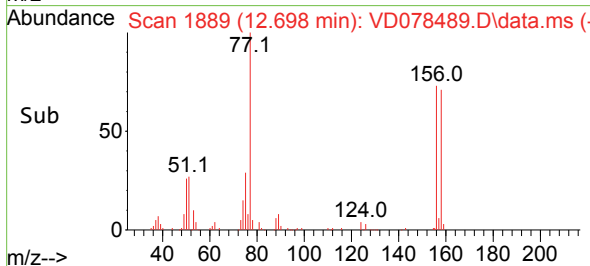
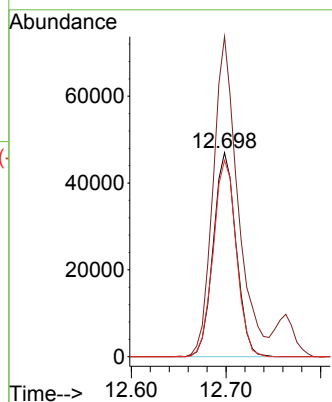
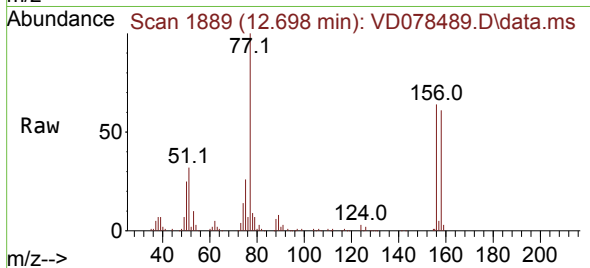
Tgt Ion:156 Resp: 78536

Ion Ratio Lower Upper

156 100

77 171.3 76.8 230.4

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 56.312 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078489.D

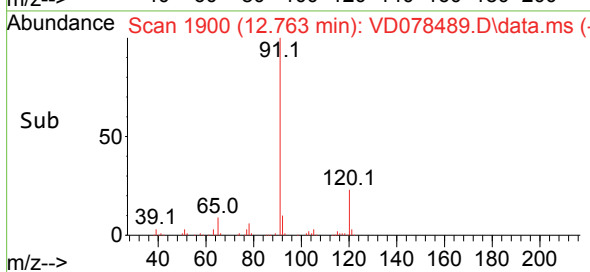
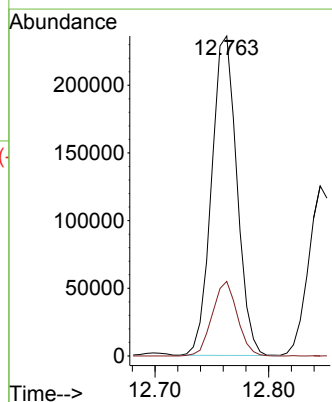
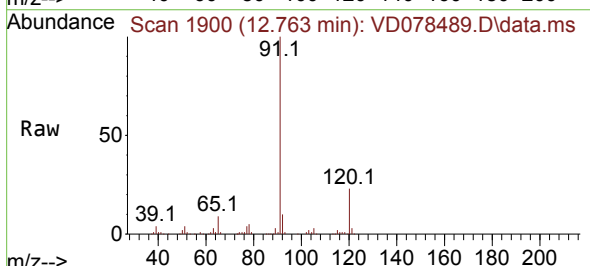
Acq: 20 Feb 2024 17:54

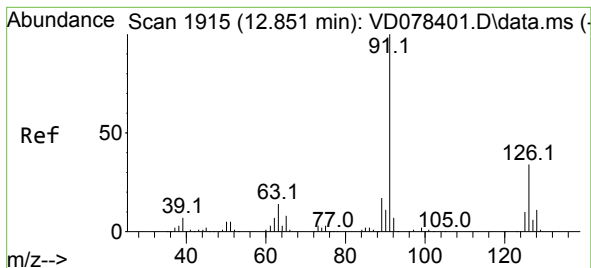
Tgt Ion: 91 Resp: 365779

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

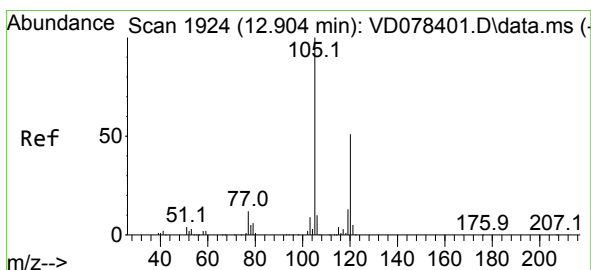
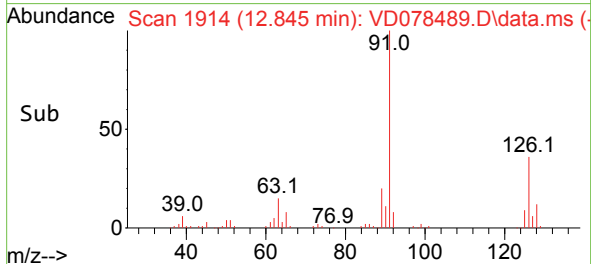
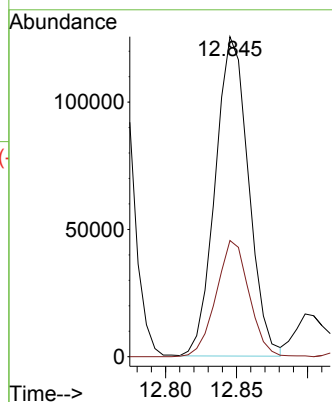
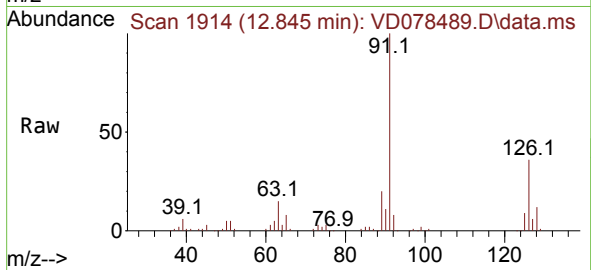




#79
2-Chlorotoluene
Concen: 58.804 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

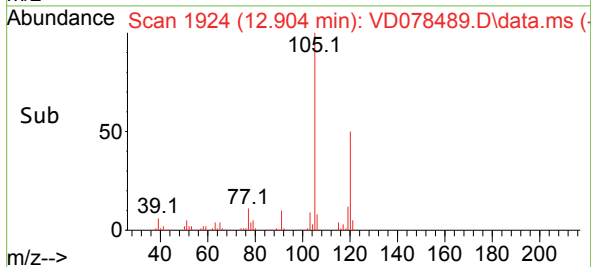
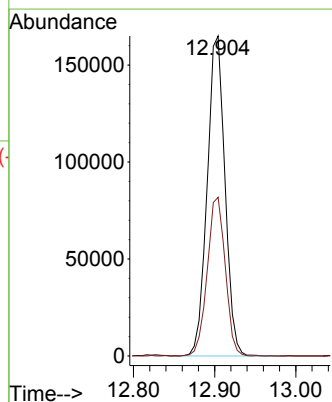
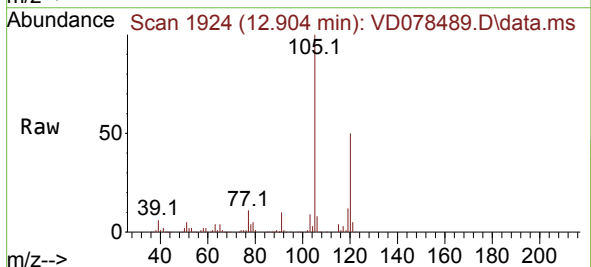
Instrument : MSVOA_D
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-

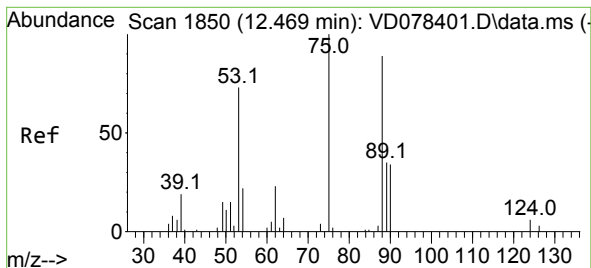
Tgt Ion: 91 Resp: 204582
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 57.941 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 105 Resp: 250775
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

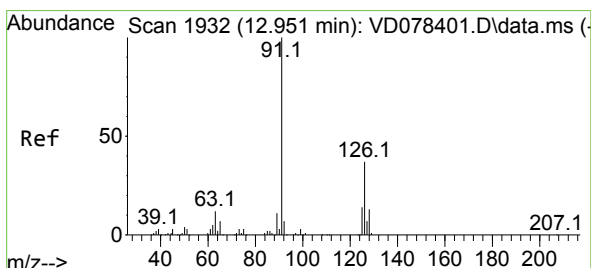
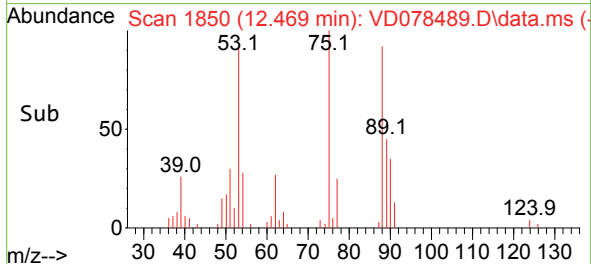
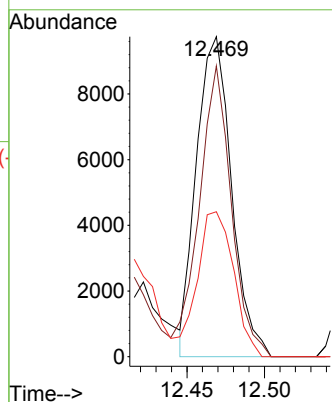
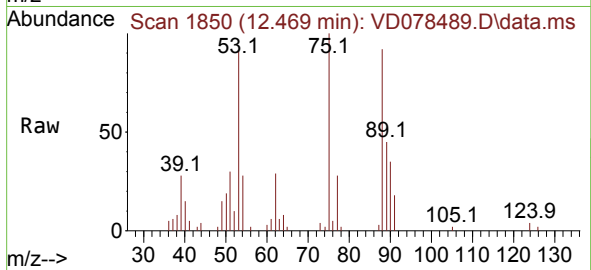




#81
trans-1,4-Dichloro-2-butene
Concen: 48.312 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

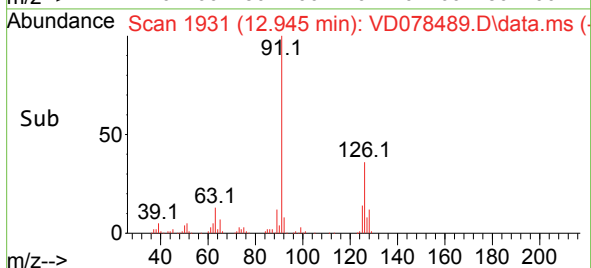
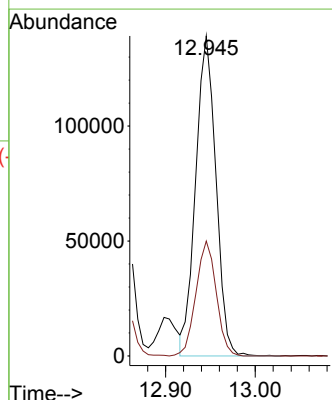
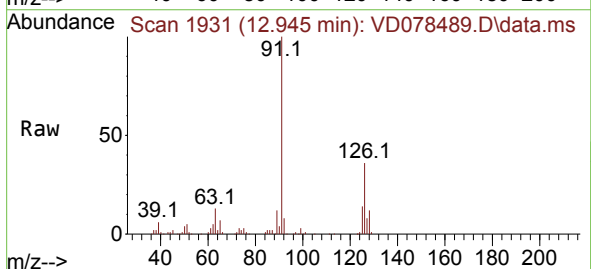
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

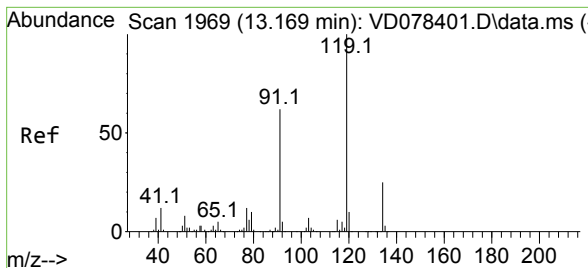
Tgt Ion:	75	Resp:	15336
Ion	Ratio	Lower	Upper
75	100		
53	83.3	63.0	94.4
89	47.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 58.366 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:	91	Resp:	218088
Ion	Ratio	Lower	Upper
91	100		
126	35.9	19.4	58.4





#83

tert-Butylbenzene

Concen: 54.903 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

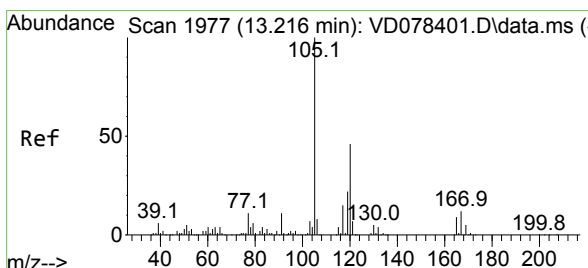
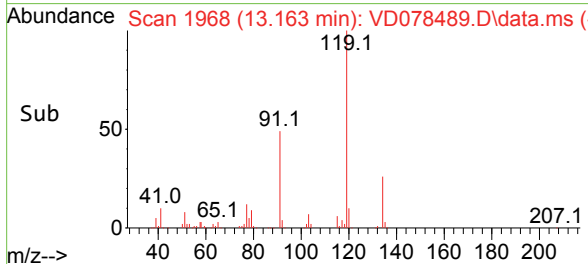
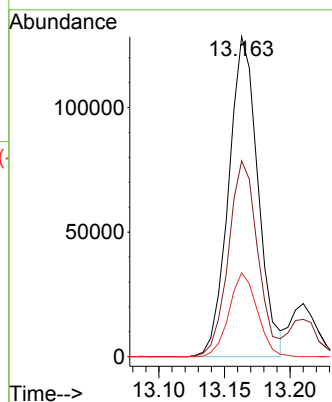
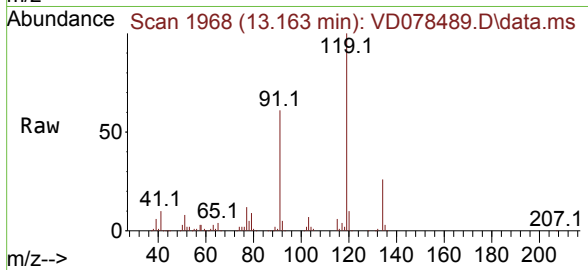
Tgt Ion:119 Resp: 200406

Ion Ratio Lower Upper

119 100

91 61.5 29.3 87.8

134 25.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 58.700 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078489.D

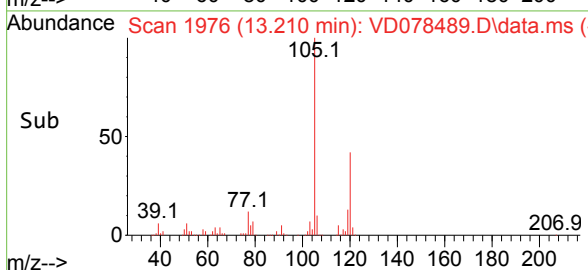
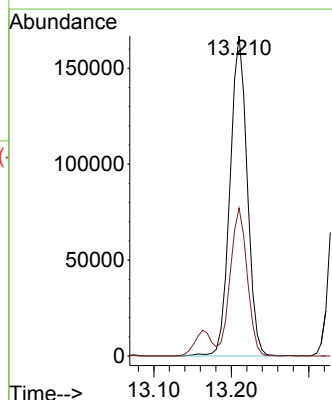
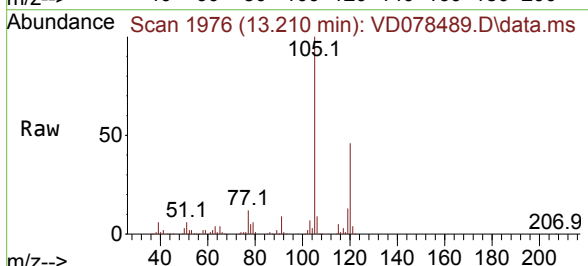
Acq: 20 Feb 2024 17:54

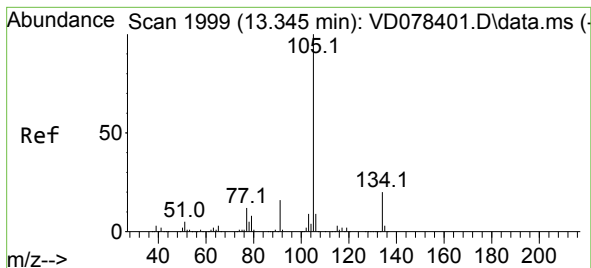
Tgt Ion:105 Resp: 257846

Ion Ratio Lower Upper

105 100

120 45.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.947 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

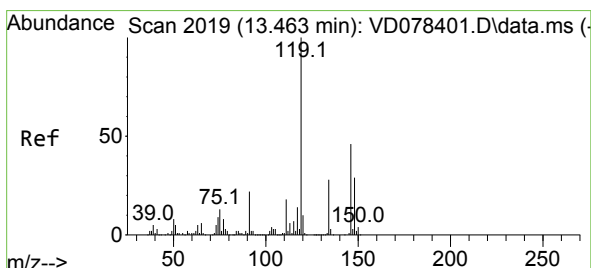
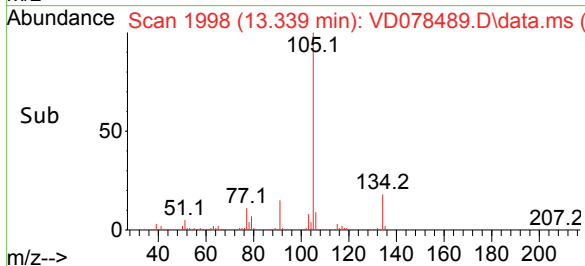
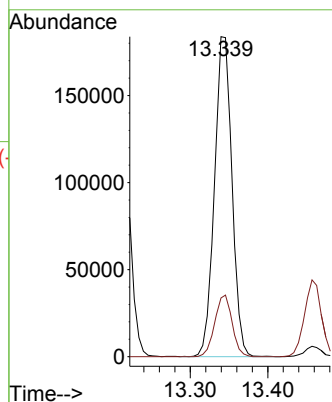
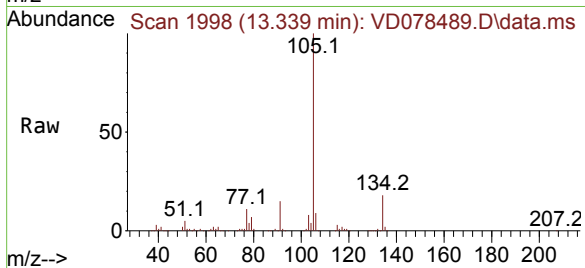
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion:105 Resp: 288406

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.478 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

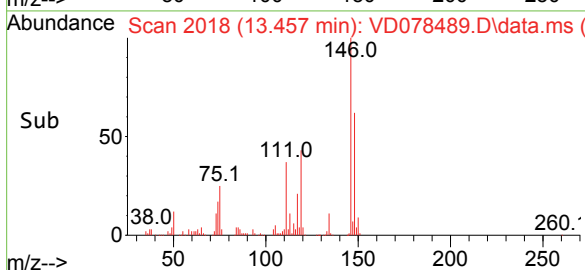
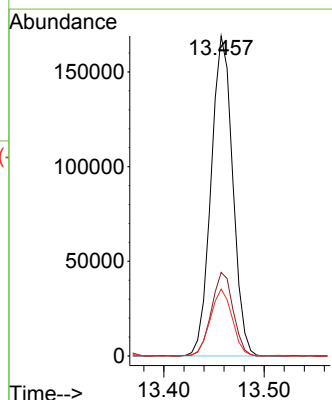
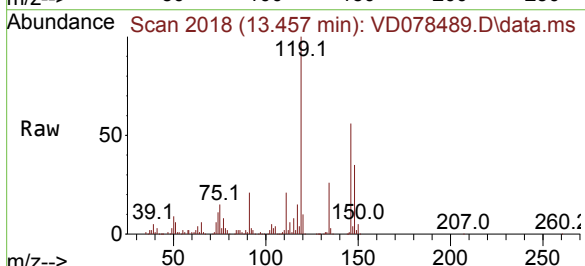
Tgt Ion:119 Resp: 253031

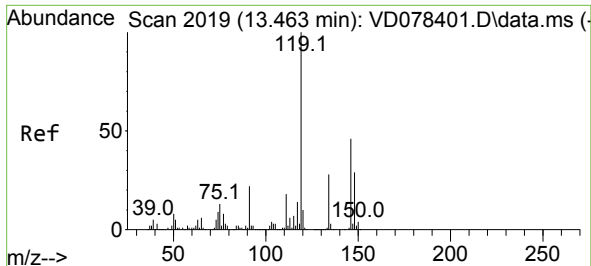
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 21.2 10.5 31.5

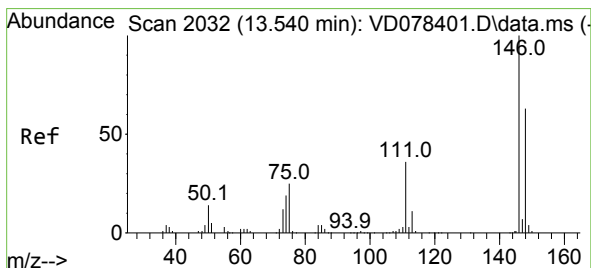
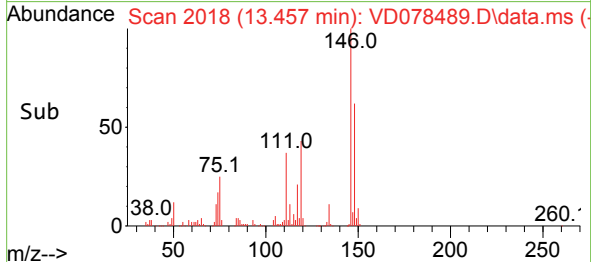
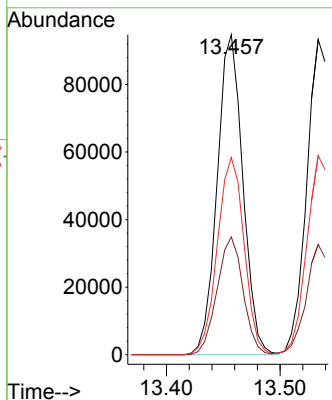
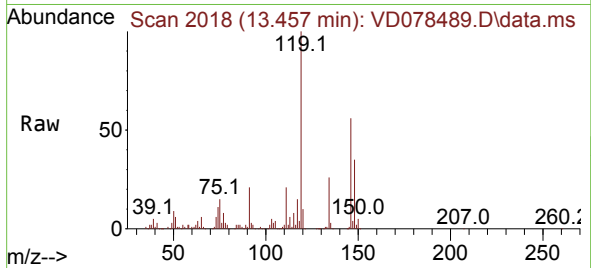




#87
1,3-Dichlorobenzene
Concen: 56.935 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

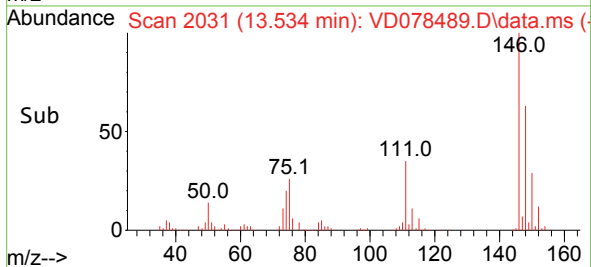
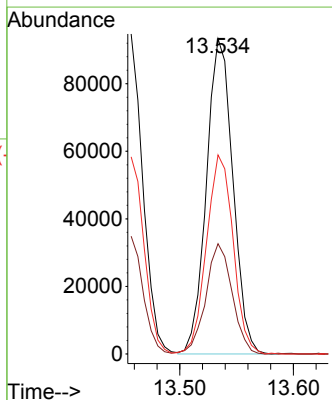
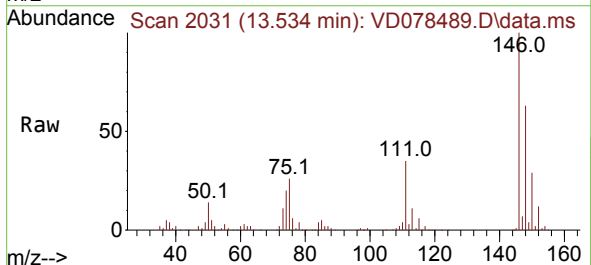
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

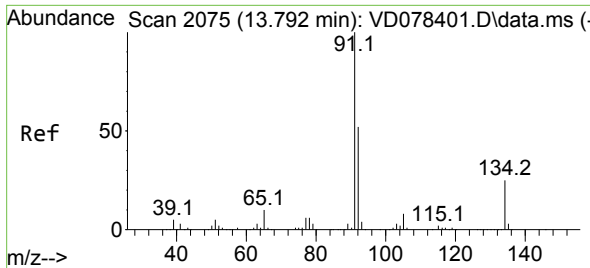
Tgt Ion:146 Resp: 148856
Ion Ratio Lower Upper
146 100
111 37.3 17.9 53.8
148 64.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 58.777 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:146 Resp: 150994
Ion Ratio Lower Upper
146 100
111 34.8 17.4 52.3
148 63.7 31.7 95.1

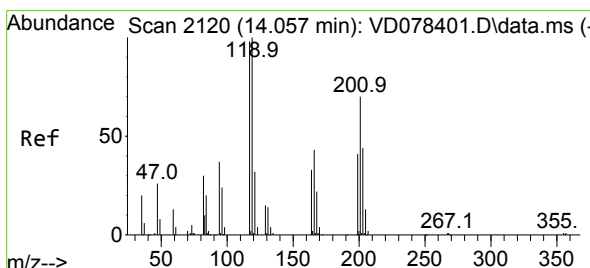
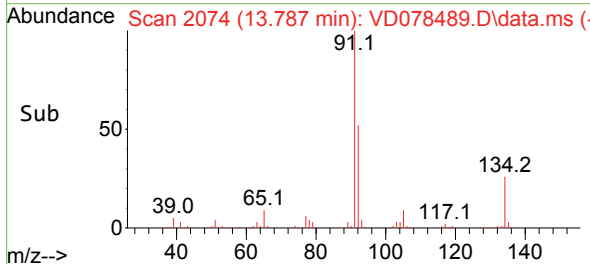
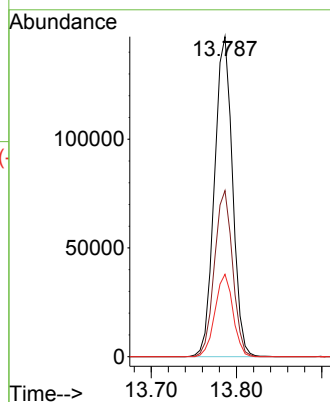
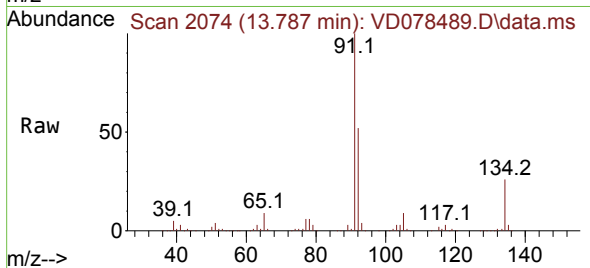




#89
n-Butylbenzene
Concen: 46.588 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

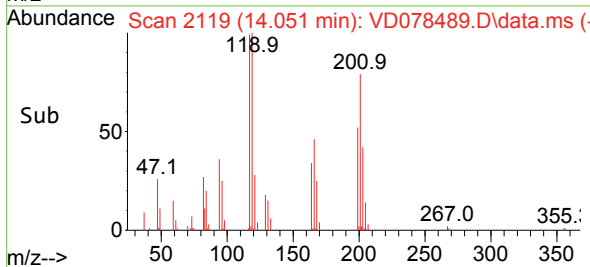
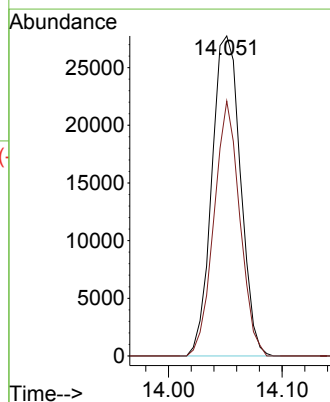
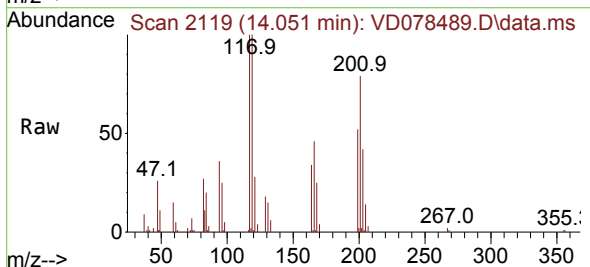
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

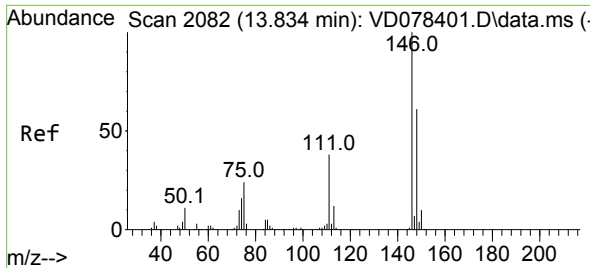
Tgt Ion:	91	Resp:	216512
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.5
134	25.7	13.8	41.3



#90
Hexachloroethane
Concen: 49.028 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:	117	Resp:	48587
Ion	Ratio	Lower	Upper
117	100		
201	71.9	38.5	115.5

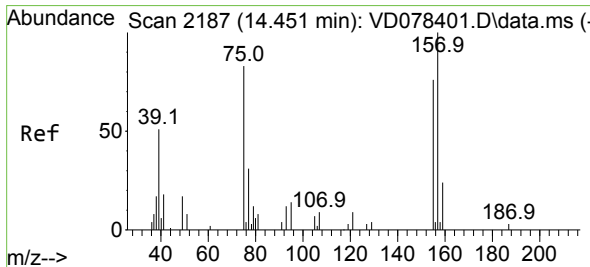
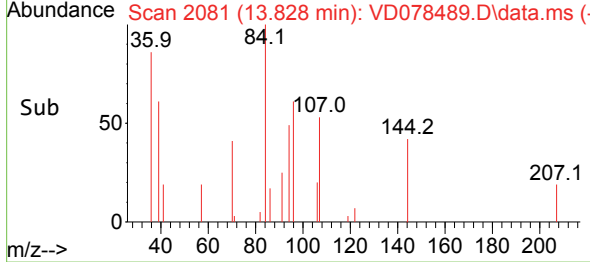
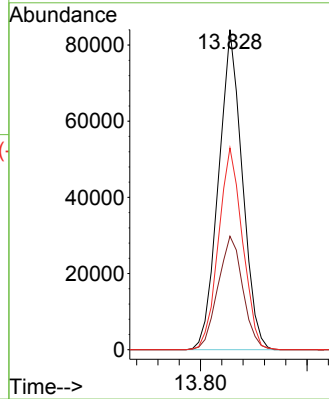
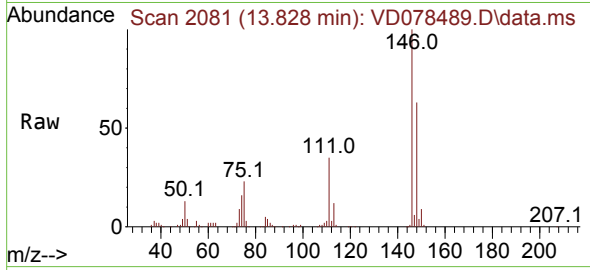




#91
1,2-Dichlorobenzene
Concen: 59.193 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

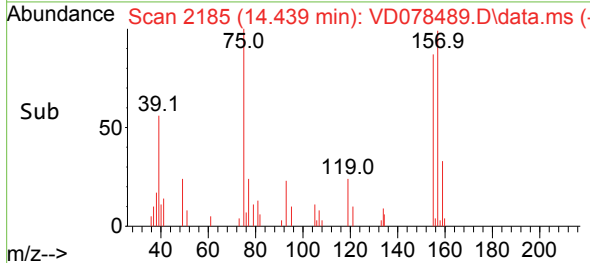
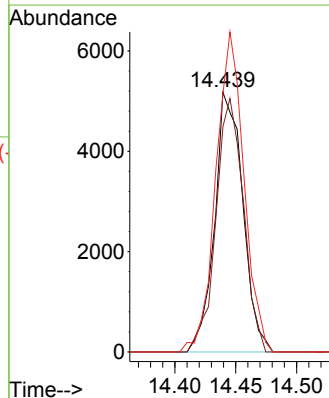
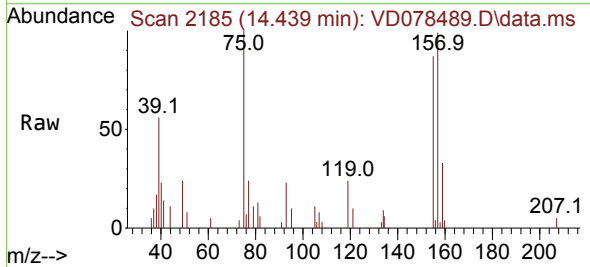
Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

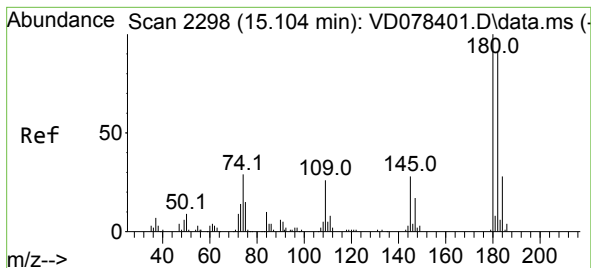
Tgt Ion:146 Resp: 129957
Ion Ratio Lower Upper
146 100
111 37.2 18.3 54.8
148 63.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.550 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion: 75 Resp: 8333
Ion Ratio Lower Upper
75 100
155 95.3 47.9 143.8
157 122.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.401 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-

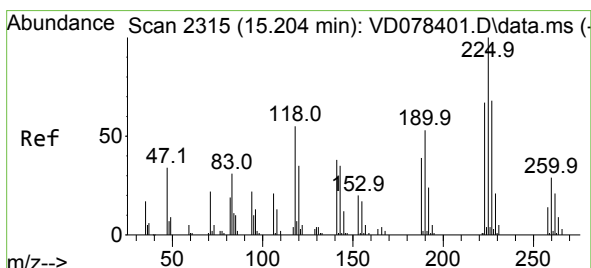
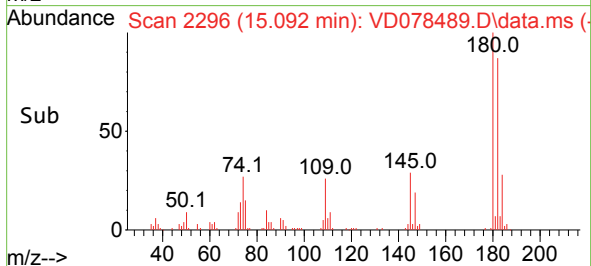
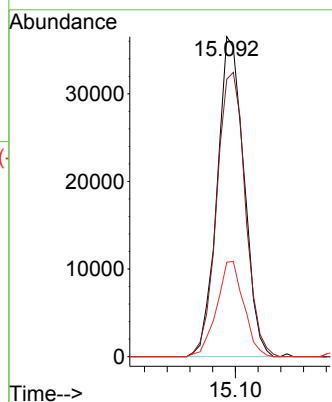
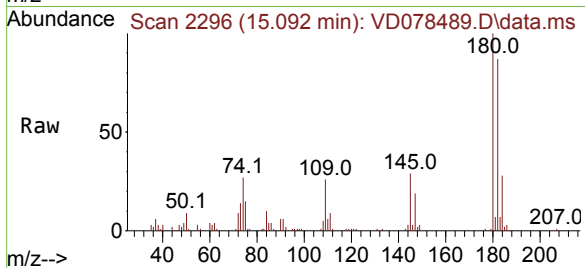
Tgt Ion:180 Resp: 59871

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 31.042 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078489.D

Acq: 20 Feb 2024 17:54

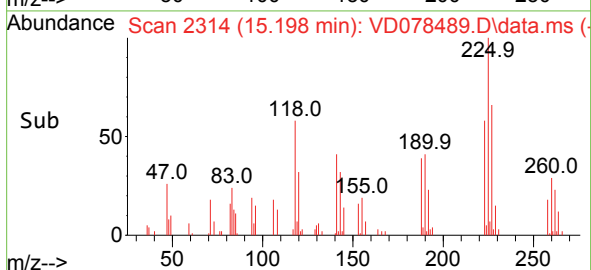
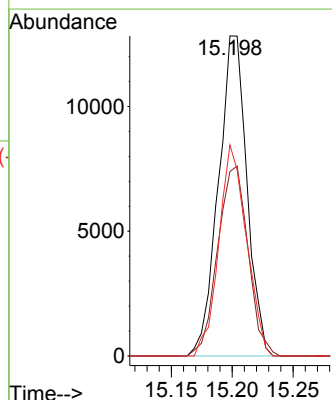
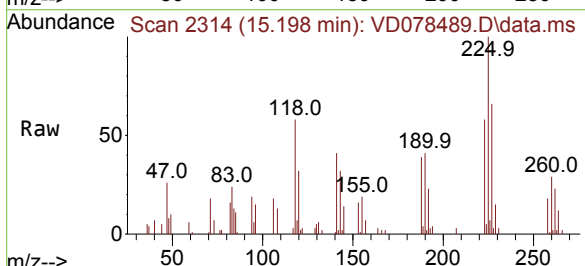
Tgt Ion:225 Resp: 20906

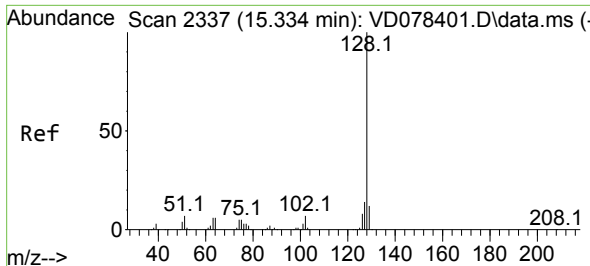
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 64.0 31.7 95.1

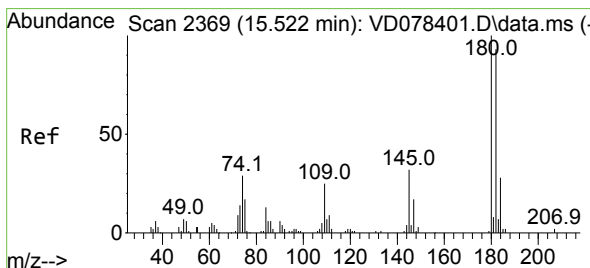
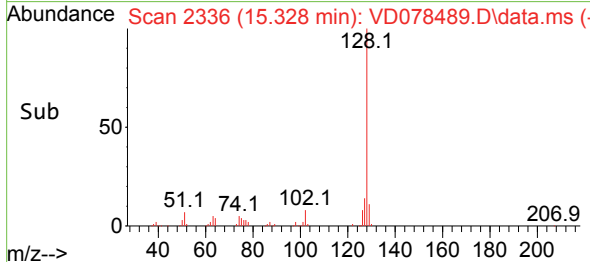
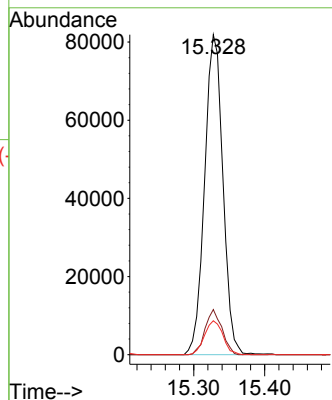
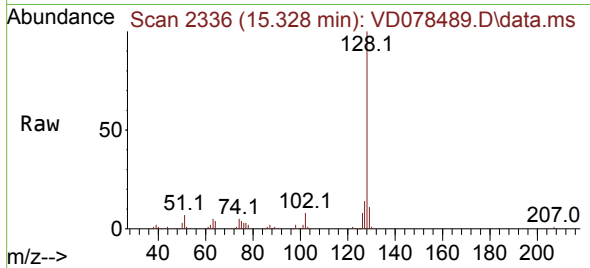




#95
Naphthalene
Concen: 61.382 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Instrument :
MSVOA_D
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-

Tgt Ion:128 Resp: 146898
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.651 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078489.D
Acq: 20 Feb 2024 17:54

Tgt Ion:180 Resp: 52107
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.9
145 30.3 15.1 45.3

